

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030123\  
 Data File : BF132595.D  
 Acq On : 01 Mar 2023 17:15  
 Operator : CG\JU  
 Sample : 01739-01MSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SAMPLE-1-COMP-1MSD

Quant Time: Mar 02 03:18:37 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 24 23:17:30 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.004  | 152  | 173761   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.292  | 136  | 635382   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 10.051 | 164  | 285795   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.545 | 188  | 449080   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.210 | 240  | 374893   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.757 | 264  | 278996   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.640  | 112  | 1165945  | 108.902 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.634  | 99   | 1444175  | 103.356 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.569  | 82   | 950809   | 70.998  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.845 | 330  | 294181   | 95.313  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.363  | 172  | 1426220  | 75.986  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.133 | 244  | 1353357  | 61.036  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.934  | 88   | 276203   | 46.638  | ng    | 97       |
| 3) Pyridine                   | 3.693  | 79   | 707318   | 44.994  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.657  | 42   | 274149   | 46.169  | ng    | 89       |
| 6) Aniline                    | 6.669  | 93   | 660512   | 35.126  | ng    | 94       |
| 8) 2-Chlorophenol             | 6.792  | 128  | 550060   | 49.502  | ng    | 96       |
| 9) Benzaldehyde               | 6.557  | 77   | 287131   | 38.083  | ng    | 96       |
| 10) Phenol                    | 6.645  | 94   | 702230   | 43.836  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.734  | 93   | 608219   | 49.182  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 6.945  | 146  | 580008   | 48.640  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.022  | 146  | 579656   | 48.683  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.175  | 146  | 573368   | 50.177  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.145  | 79   | 504155   | 46.850  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.275  | 45   | 733298   | 46.499  | ng    | 99       |
| 17) 2-Methylphenol            | 7.251  | 107  | 445392   | 42.948  | ng    | 95       |
| 18) Hexachloroethane          | 7.516  | 117  | 227412   | 48.888  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.416  | 70   | 362837   | 42.194  | ng    | 94       |
| 20) 3+4-Methylphenols         | 7.404  | 107  | 534650   | 39.905  | ng    | # 81     |
| 22) Acetophenone              | 7.410  | 105  | 714146   | 44.574  | ng    | # 91     |
| 24) Nitrobenzene              | 7.587  | 77   | 618441   | 43.179  | ng    | 97       |
| 25) Isophorone                | 7.822  | 82   | 1132874  | 44.122  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.904  | 139  | 299547   | 47.401  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.934  | 122  | 463228   | 46.444  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 8.028  | 93   | 690875   | 45.997  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.145  | 162  | 448427   | 45.197  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.228  | 180  | 508355   | 47.186  | ng    | 100      |
| 31) Naphthalene               | 8.316  | 128  | 1444762  | 44.417  | ng    | 99       |
| 32) Benzoic acid              | 8.045  | 122  | 317548   | 41.010  | ng    | 97       |
| 33) 4-Chloroaniline           | 8.357  | 127  | 281499   | 20.195  | ng    | 94       |
| 34) Hexachlorobutadiene       | 8.422  | 225  | 317497   | 46.377  | ng    | 100      |
| 35) Caprolactam               | 8.734  | 113  | 139903   | 42.772  | ng    | 91       |
| 36) 4-Chloro-3-methylphenol   | 8.839  | 107  | 439405   | 40.328  | ng    | 94       |
| 37) 2-Methylnaphthalene       | 9.004  | 142  | 921745   | 41.582  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 9.104  | 142  | 849940   | 41.028  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.169  | 216  | 476702   | 50.981  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.157  | 237  | 285020   | 56.199  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.281  | 196  | 303308   | 47.864  | ng    | 99       |

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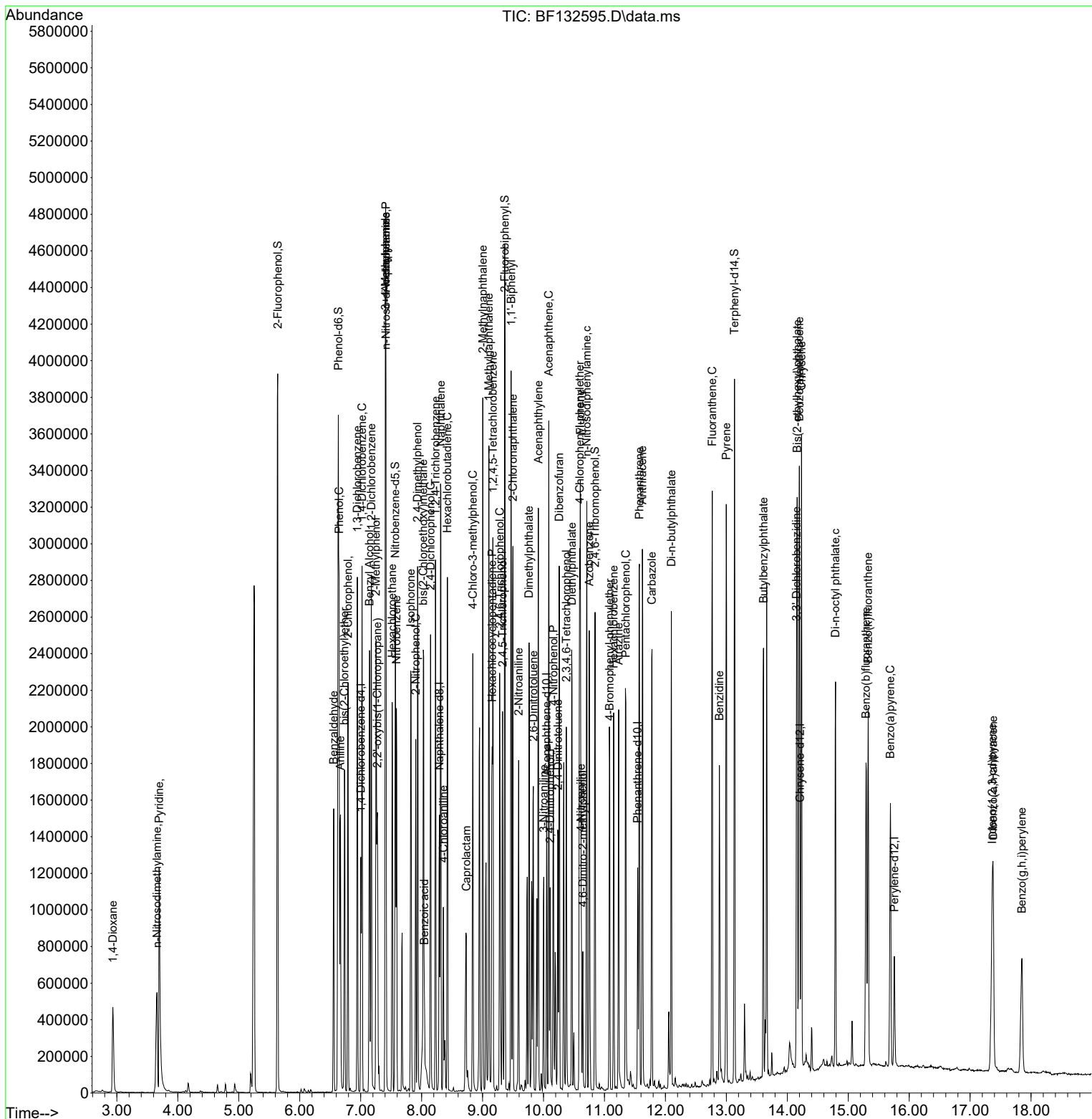
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SAMPLE-1-COMP-1MSD

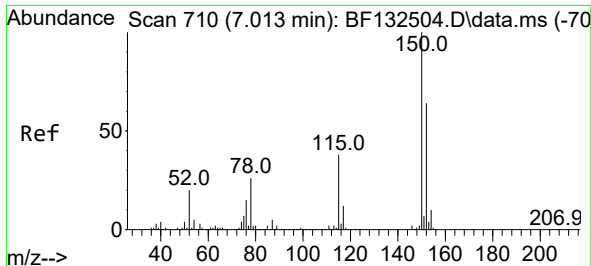
Quant Time: Mar 02 03:18:37 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 24 23:17:30 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.328  | 196  | 317419   | 42.918 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.469  | 154  | 1083035  | 50.068 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.498  | 162  | 848087   | 49.450 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.592  | 65   | 266015   | 42.114 | ng    | 90       |
| 49) Acenaphthylene            | 9.916  | 152  | 1244618  | 45.599 | ng    | 99       |
| 50) Dimethylphthalate         | 9.763  | 163  | 996603   | 47.892 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.833  | 165  | 213487   | 45.048 | ng    | 87       |
| 52) Acenaphthene              | 10.086 | 154  | 801142   | 46.223 | ng    | 100      |
| 53) 3-Nitroaniline            | 10.004 | 138  | 174576   | 32.931 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 10.110 | 184  | 147860   | 50.214 | ng    | 93       |
| 55) Dibenzofuran              | 10.257 | 168  | 1127898  | 44.638 | ng    | 100      |
| 56) 4-Nitrophenol             | 10.163 | 139  | 305790   | 77.346 | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 10.239 | 165  | 266854   | 42.325 | ng    | 87       |
| 58) Fluorene                  | 10.604 | 166  | 821468   | 42.503 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.375 | 232  | 235877   | 42.934 | ng    | 98       |
| 60) Diethylphthalate          | 10.463 | 149  | 904007   | 44.481 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.592 | 204  | 441619   | 44.046 | ng    | 93       |
| 62) 4-Nitroaniline            | 10.616 | 138  | 178486   | 34.299 | ng    | 93       |
| 63) Azobenzene                | 10.751 | 77   | 930109   | 43.213 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.645 | 198  | 100722   | 33.132 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 10.710 | 169  | 723821   | 51.700 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 11.086 | 248  | 256285   | 50.452 | ng    | 94       |
| 68) Hexachlorobenzene         | 11.151 | 284  | 271593   | 50.811 | ng    | # 93     |
| 69) Atrazine                  | 11.233 | 200  | 227141   | 51.968 | ng    | 100      |
| 70) Pentachlorophenol         | 11.351 | 266  | 282648   | 88.878 | ng    | 98       |
| 71) Phenanthrene              | 11.575 | 178  | 1132293  | 48.670 | ng    | 98       |
| 72) Anthracene                | 11.622 | 178  | 1124528  | 46.939 | ng    | 99       |
| 73) Carbazole                 | 11.780 | 167  | 1014301  | 46.959 | ng    | 99       |
| 74) Di-n-butylphthalate       | 12.098 | 149  | 1223661  | 48.296 | ng    | 99       |
| 75) Fluoranthene              | 12.769 | 202  | 1279010  | 50.290 | ng    | 99       |
| 77) Benzidine                 | 12.886 | 184  | 709136   | 77.705 | ng    | 100      |
| 78) Pyrene                    | 12.998 | 202  | 1340999  | 39.344 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.610 | 149  | 550998   | 40.965 | ng    | 97       |
| 81) Benzo(a)anthracene        | 14.198 | 228  | 1305519  | 46.542 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.151 | 252  | 414353   | 50.104 | ng    | 100      |
| 83) Chrysene                  | 14.233 | 228  | 1203665  | 45.888 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.163 | 149  | 750167   | 45.401 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.792 | 149  | 1095553  | 45.373 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.362 | 276  | 751111   | 41.087 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.292 | 252  | 975349   | 52.166 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.327 | 252  | 909715   | 49.715 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.692 | 252  | 793271   | 45.333 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.380 | 278  | 627080   | 42.101 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.851 | 276  | 597438   | 35.913 | ng    | 98       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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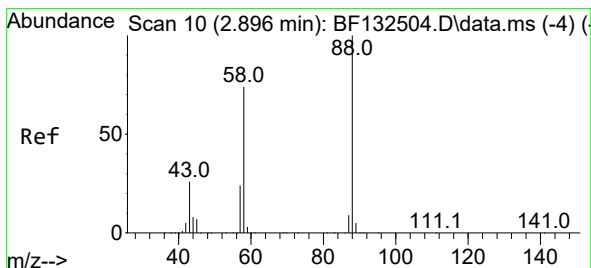
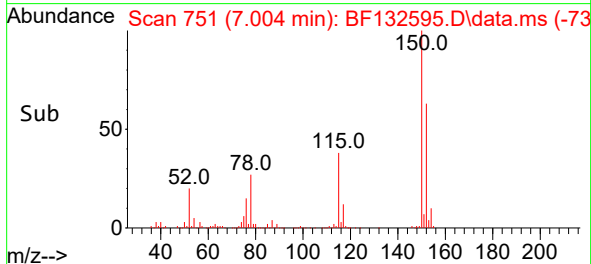
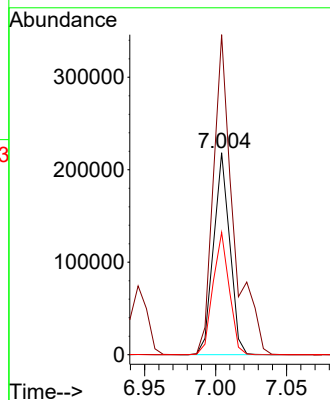
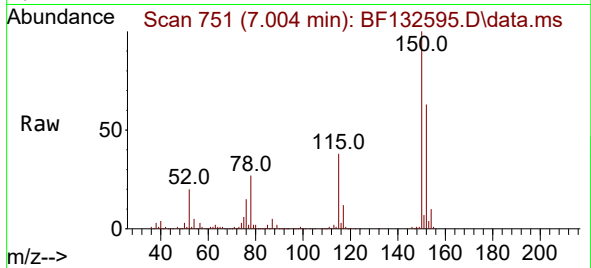




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.004 min Scan# 71  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

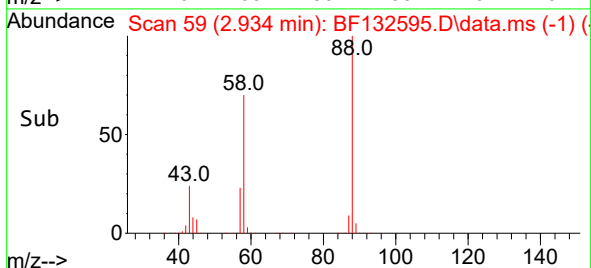
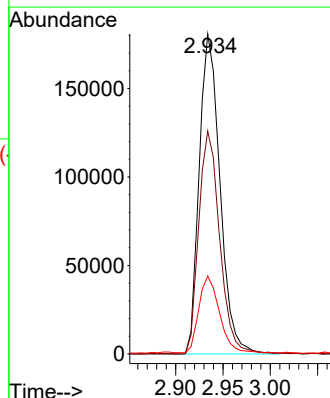
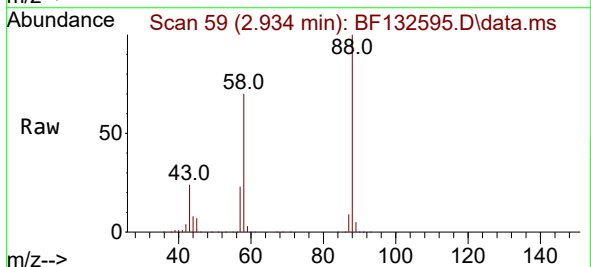
Instrument :  
BNA\_F  
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SAMPLE-1-COMP-1MSD

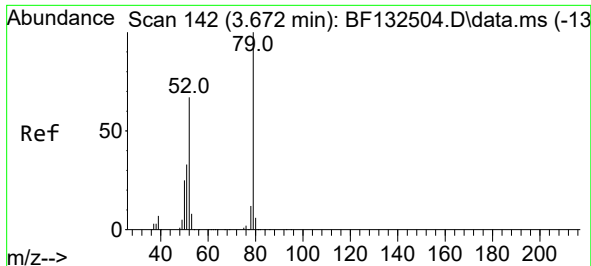
Tgt Ion:152 Resp: 173761  
Ion Ratio Lower Upper  
152 100  
150 158.5 125.4 188.2  
115 60.6 47.8 71.6



#2  
1,4-Dioxane  
Concen: 46.638 ng  
RT: 2.934 min Scan# 59  
Delta R.T. 0.050 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

Tgt Ion: 88 Resp: 276203  
Ion Ratio Lower Upper  
88 100  
58 70.2 58.3 87.5  
43 24.2 20.7 31.1

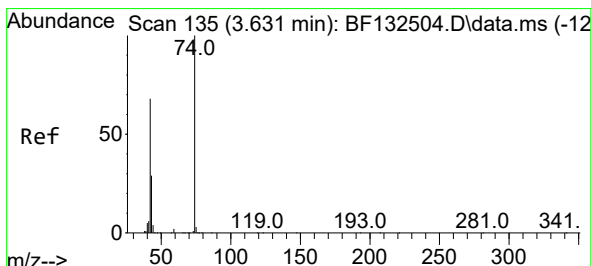
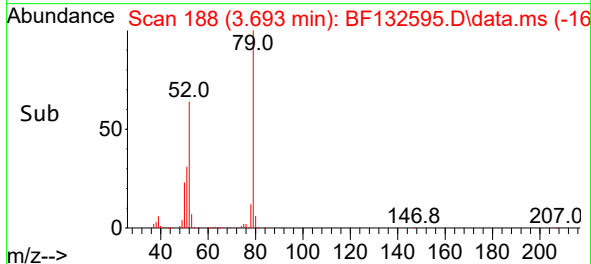
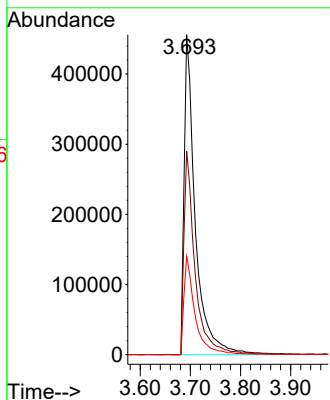
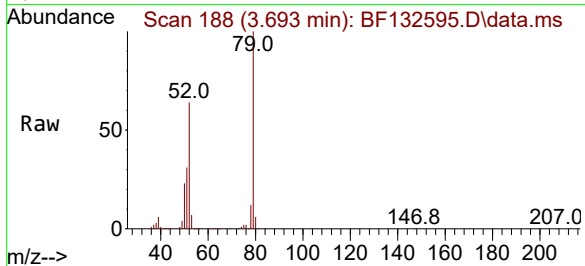




#3  
Pyridine  
Concen: 44.994 ng  
RT: 3.693 min Scan# 11  
Delta R.T. 0.038 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

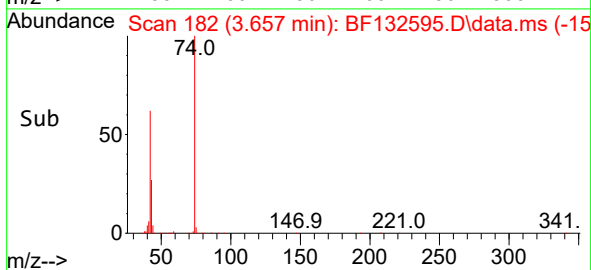
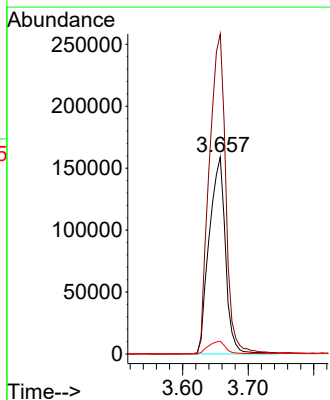
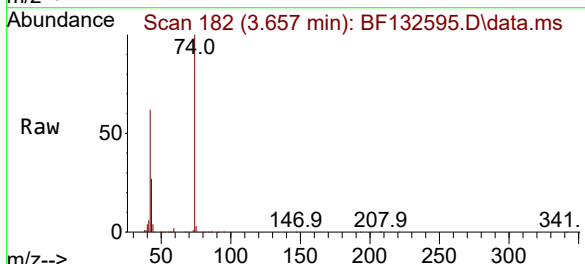
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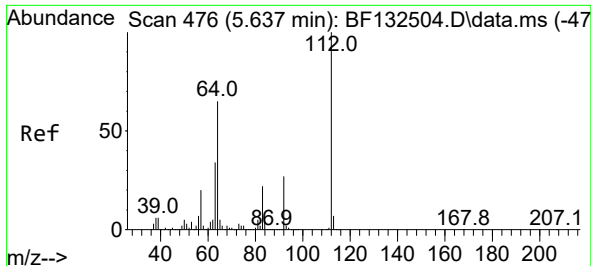
Tgt Ion: 79 Resp: 707318  
Ion Ratio Lower Upper  
79 100  
52 63.6 53.7 80.5  
51 30.8 26.6 40.0



#4  
n-Nitrosodimethylamine  
Concen: 46.169 ng  
RT: 3.657 min Scan# 182  
Delta R.T. 0.032 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

Tgt Ion: 42 Resp: 274149  
Ion Ratio Lower Upper  
42 100  
74 162.5 118.2 177.2  
44 6.5 5.3 7.9

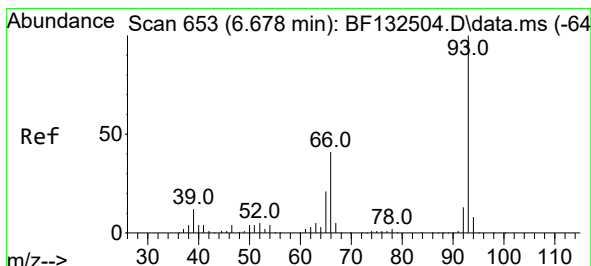
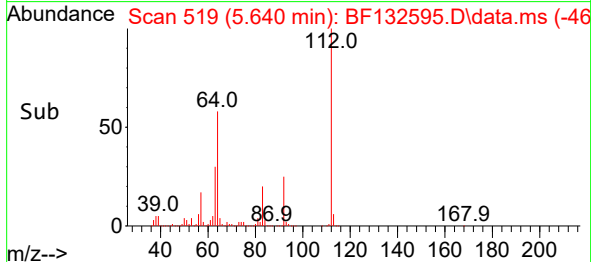
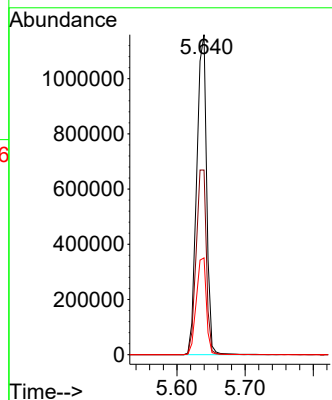
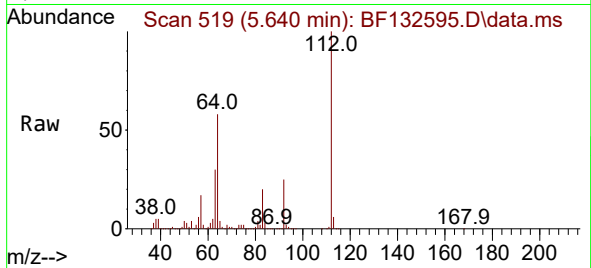




#5  
2-Fluorophenol  
Concen: 108.902 ng  
RT: 5.640 min Scan# 519  
Delta R.T. 0.009 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

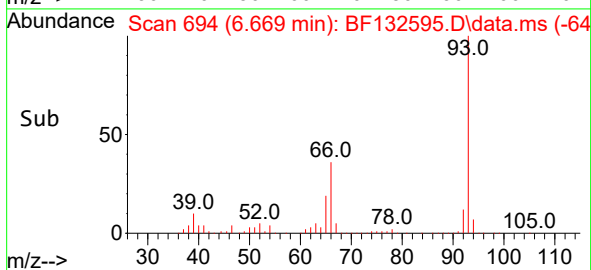
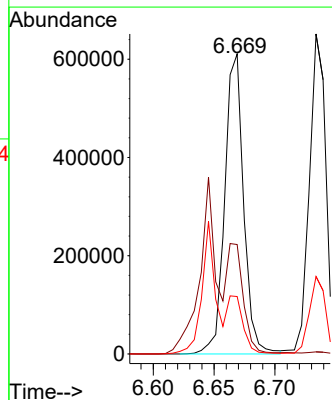
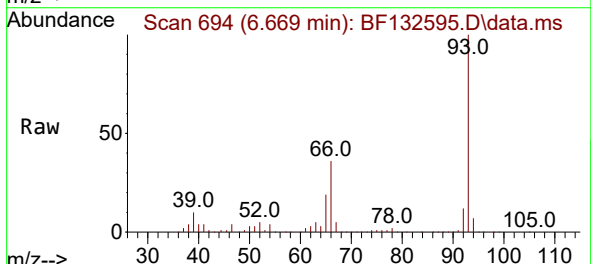
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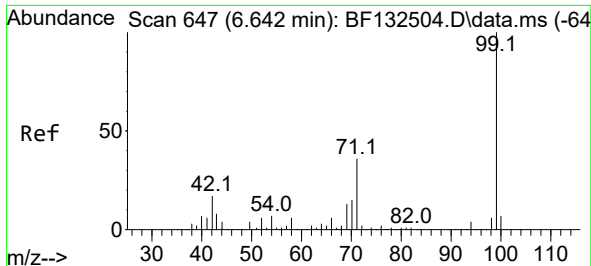
Tgt Ion:112 Resp: 1165945  
Ion Ratio Lower Upper  
112 100  
64 57.7 51.6 77.4  
63 30.2 27.4 41.2



#6  
Aniline  
Concen: 35.126 ng  
RT: 6.669 min Scan# 694  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
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Tgt Ion: 93 Resp: 660512  
Ion Ratio Lower Upper  
93 100  
66 36.5 32.5 48.7  
65 19.1 16.6 24.8

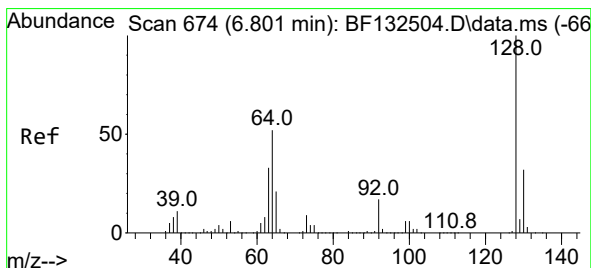
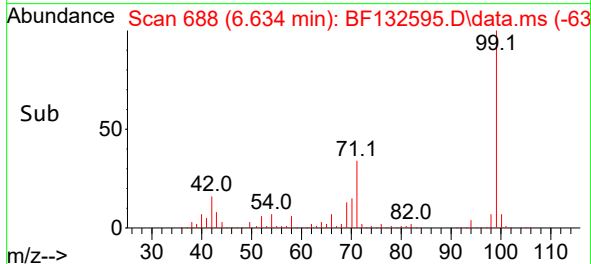
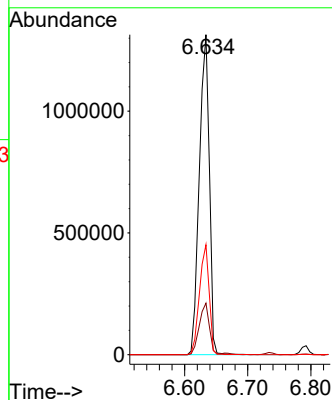
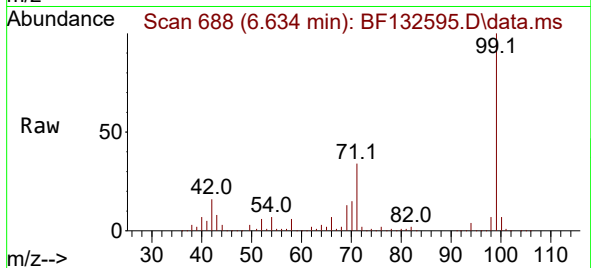




#7  
Phenol-d6  
Concen: 103.356 ng  
RT: 6.634 min Scan# 61  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

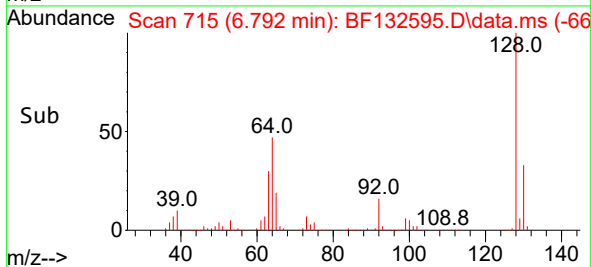
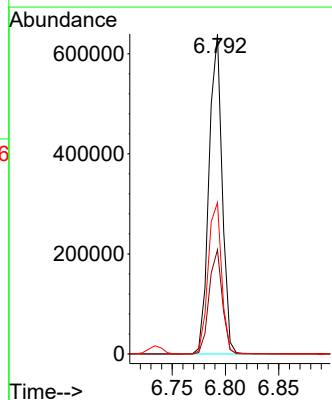
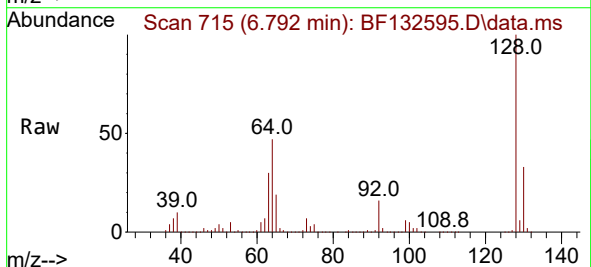
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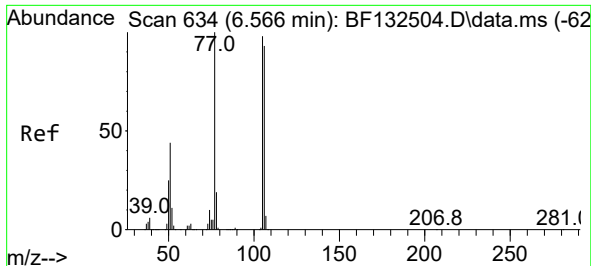
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Ion Ratio Lower Upper  
99 100  
42 16.1 13.9 20.9  
71 34.4 28.5 42.7



#8  
2-Chlorophenol  
Concen: 49.502 ng  
RT: 6.792 min Scan# 715  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

Tgt Ion:128 Resp: 550060  
Ion Ratio Lower Upper  
128 100  
130 32.6 12.1 52.1  
64 47.3 32.0 72.0

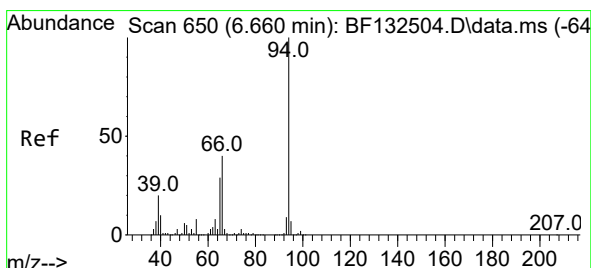
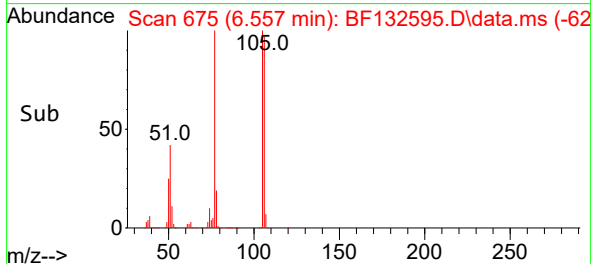
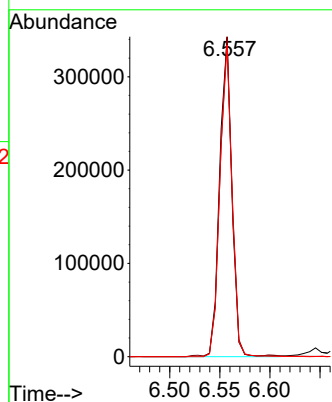
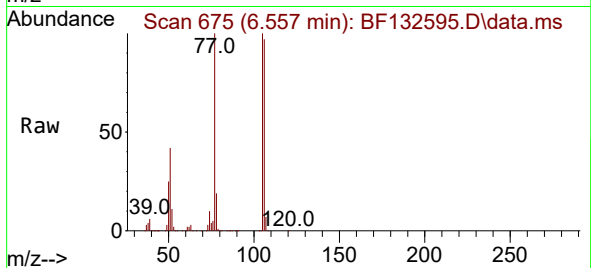




#9  
Benzaldehyde  
Concen: 38.083 ng  
RT: 6.557 min Scan# 61  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

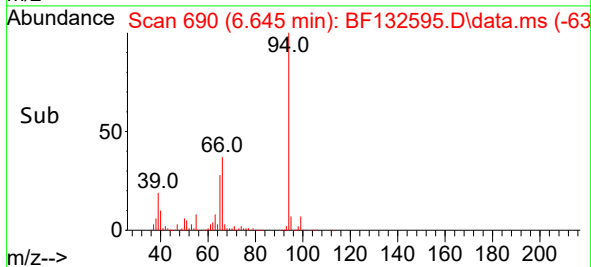
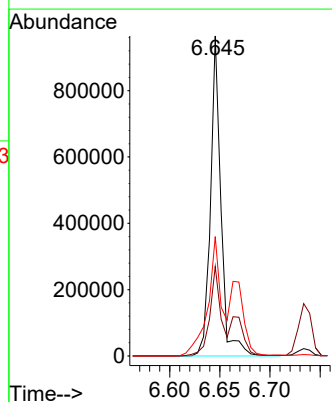
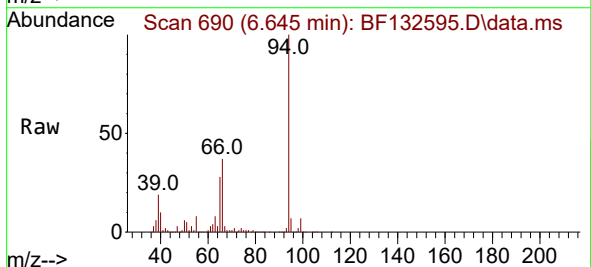
Instrument :  
BNA\_F  
ClientSampleId :  
SAMPLE-1-COMP-1MSD

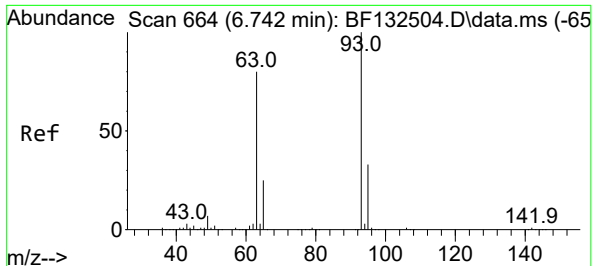
Tgt Ion: 77 Resp: 287131  
Ion Ratio Lower Upper  
77 100  
105 100.4 77.9 117.9  
106 97.8 73.4 113.4



#10  
Phenol  
Concen: 43.836 ng  
RT: 6.645 min Scan# 690  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

Tgt Ion: 94 Resp: 702230  
Ion Ratio Lower Upper  
94 100  
65 27.9 9.4 49.4  
66 37.3 19.8 59.8





#11

bis(2-Chloroethyl)ether

Concen: 49.182 ng

RT: 6.734 min Scan# 705

Delta R.T. -0.009 min

Lab File: BF132595.D

Acq: 01 Mar 2023 17:15

Instrument :

BNA\_F

ClientSampleId :

SAMPLE-1-COMP-1MSD

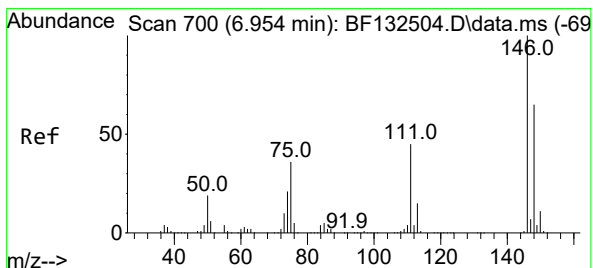
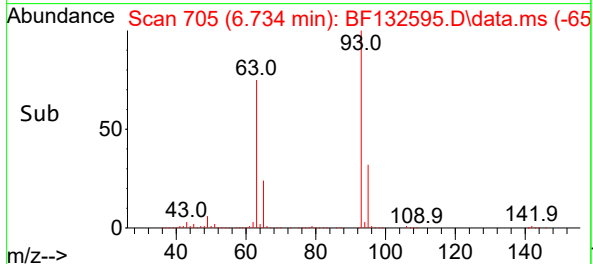
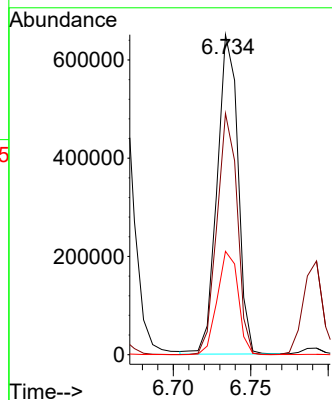
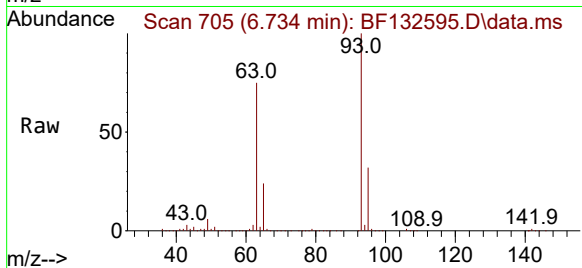
Tgt Ion: 93 Resp: 608219

Ion Ratio Lower Upper

93 100

63 75.4 59.6 99.6

95 32.3 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 48.640 ng

RT: 6.945 min Scan# 741

Delta R.T. -0.003 min

Lab File: BF132595.D

Acq: 01 Mar 2023 17:15

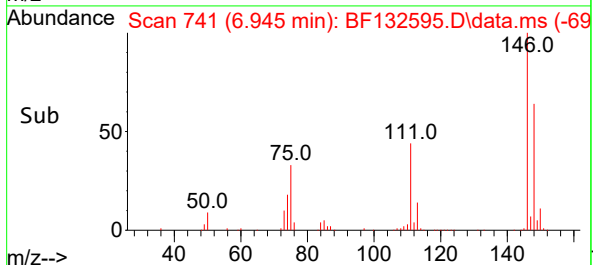
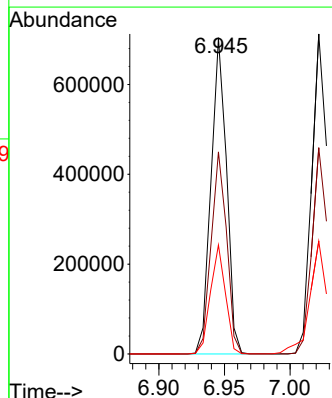
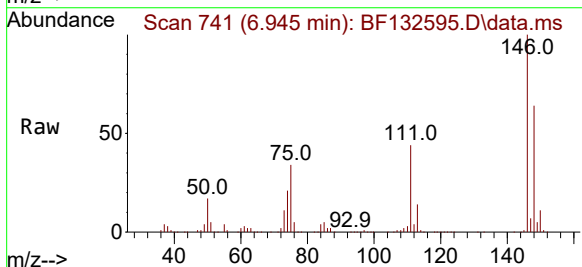
Tgt Ion:146 Resp: 580008

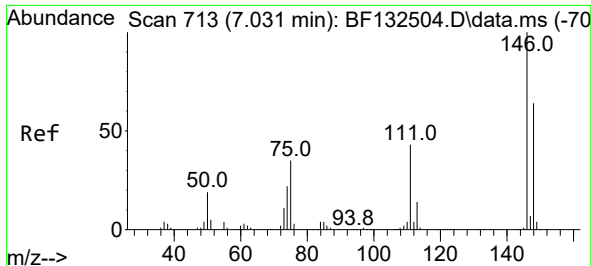
Ion Ratio Lower Upper

146 100

148 63.9 51.9 77.9

75 34.5 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 48.683 ng

RT: 7.022 min Scan# 71

Delta R.T. -0.003 min

Lab File: BF132595.D

Acq: 01 Mar 2023 17:15

Instrument :

BNA\_F

ClientSampleId :

SAMPLE-1-COMP-1MSD

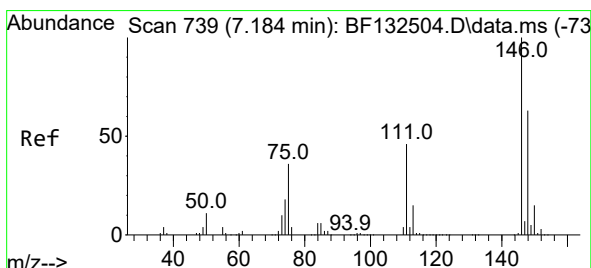
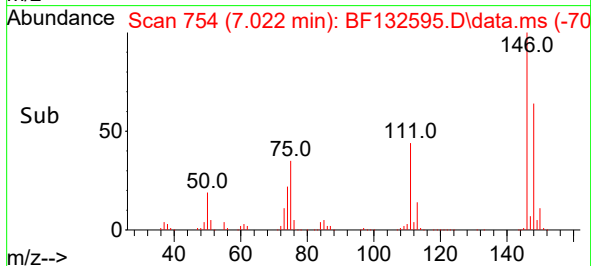
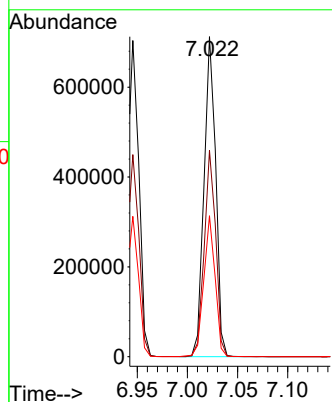
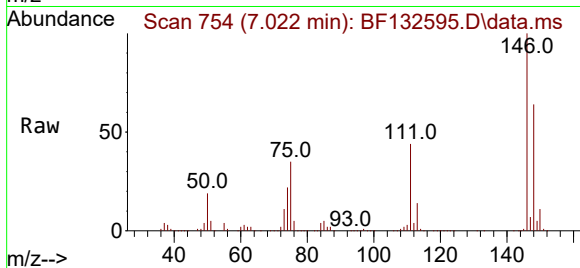
Tgt Ion:146 Resp: 579656

Ion Ratio Lower Upper

146 100

148 64.5 51.1 76.7

111 44.0 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 50.177 ng

RT: 7.175 min Scan# 780

Delta R.T. -0.003 min

Lab File: BF132595.D

Acq: 01 Mar 2023 17:15

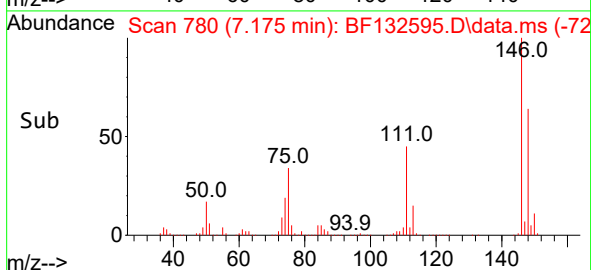
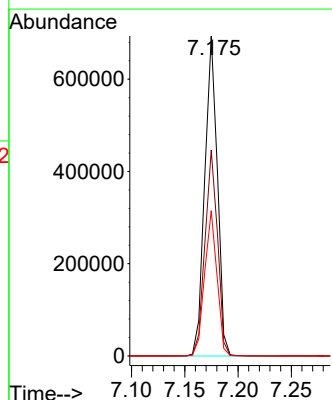
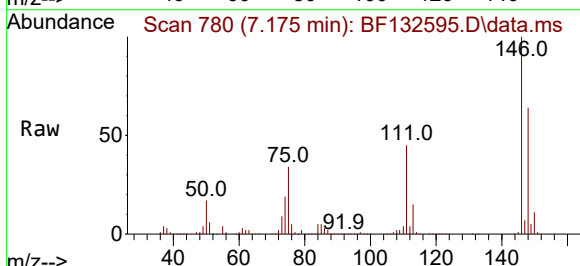
Tgt Ion:146 Resp: 573368

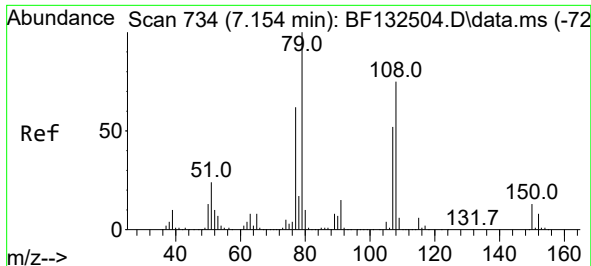
Ion Ratio Lower Upper

146 100

148 64.3 50.6 75.8

111 45.4 37.2 55.8

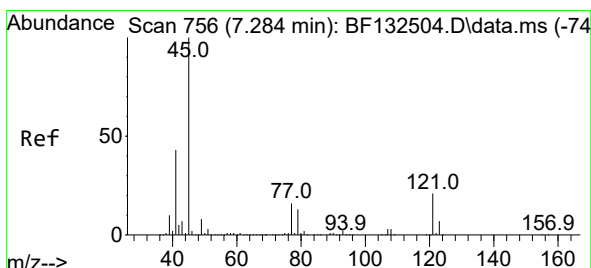
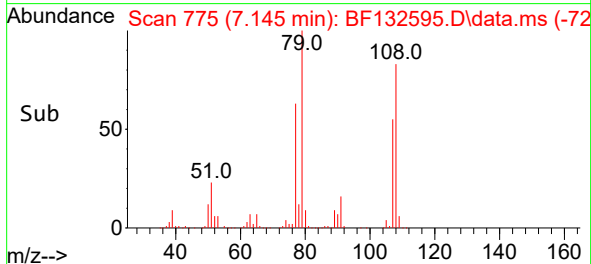
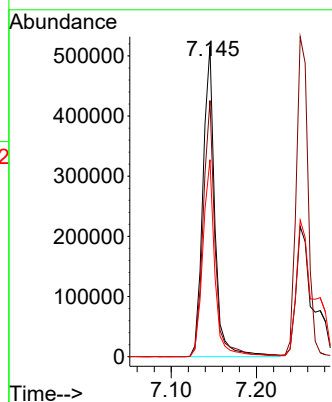
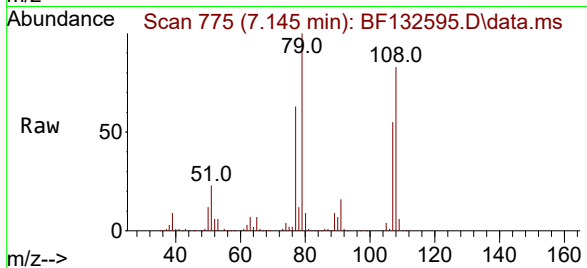




#15  
Benzyl Alcohol  
Concen: 46.850 ng  
RT: 7.145 min Scan# 71  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

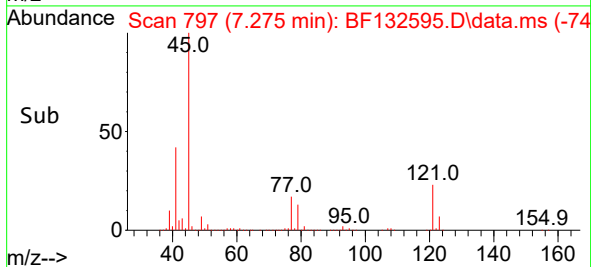
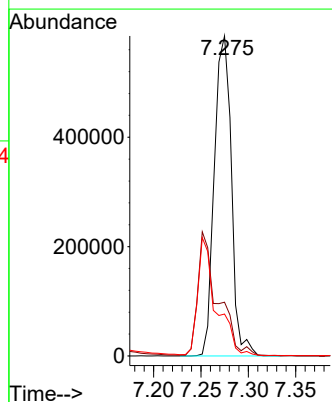
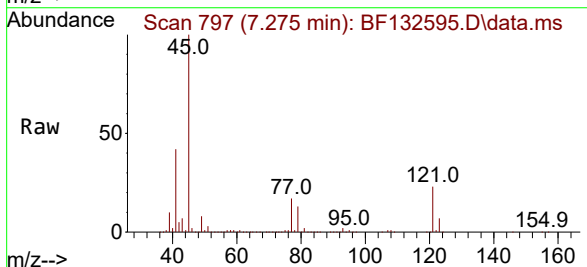
Instrument :  
BNA\_F  
ClientSampleId :  
SAMPLE-1-COMP-1MSD

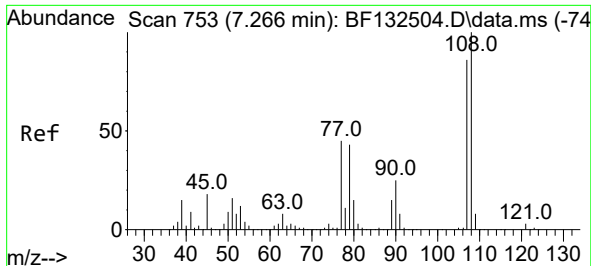
Tgt Ion: 79 Resp: 504155  
Ion Ratio Lower Upper  
79 100  
108 82.5 60.2 90.4  
77 63.5 49.9 74.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 46.499 ng  
RT: 7.275 min Scan# 797  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

Tgt Ion: 45 Resp: 733298  
Ion Ratio Lower Upper  
45 100  
77 16.8 0.0 36.4  
79 13.1 0.0 33.4

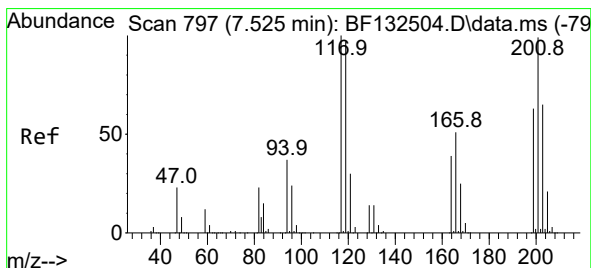
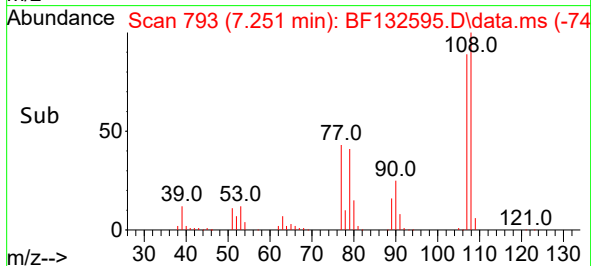
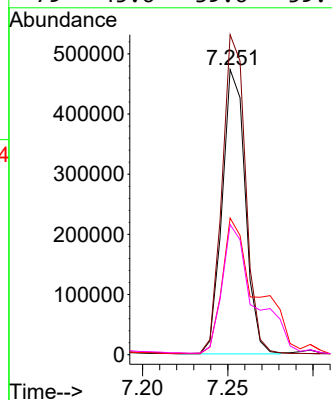
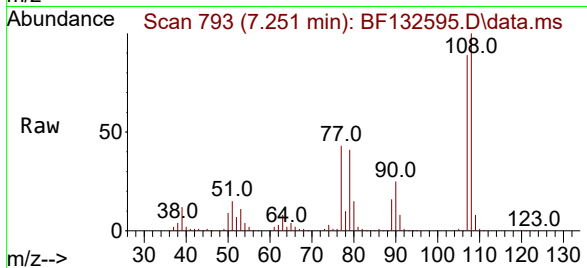




#17  
2-Methylphenol  
Concen: 42.948 ng  
RT: 7.251 min Scan# 793  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

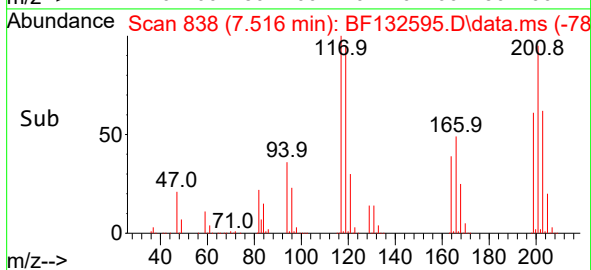
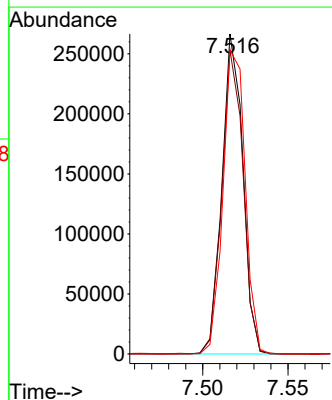
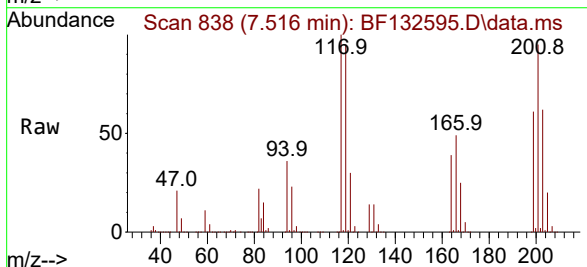
Instrument :  
BNA\_F  
ClientSampleId :  
SAMPLE-1-COMP-1MSD

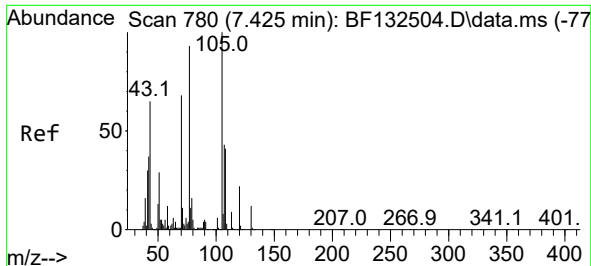
Tgt Ion:107 Resp: 445392  
Ion Ratio Lower Upper  
107 100  
108 112.2 93.0 139.4  
77 47.9 42.1 63.1  
79 45.6 39.6 59.4



#18  
Hexachloroethane  
Concen: 48.888 ng  
RT: 7.516 min Scan# 838  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

Tgt Ion:117 Resp: 227412  
Ion Ratio Lower Upper  
117 100  
119 95.0 78.0 117.0  
201 95.0 79.0 118.4

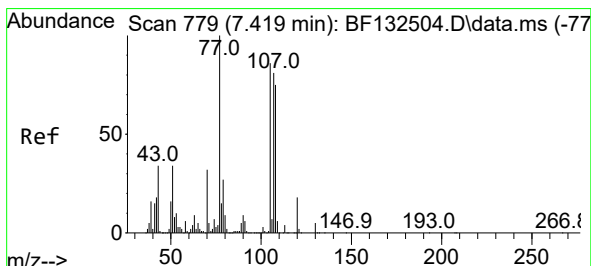
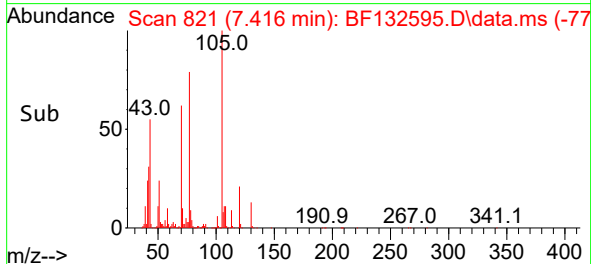
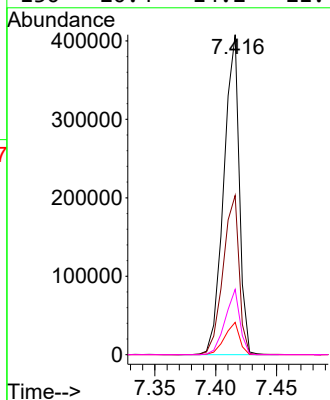
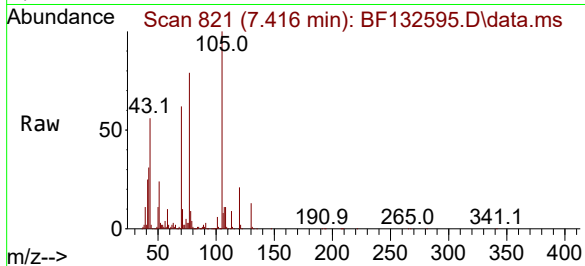




#19  
n-Nitroso-di-n-propylamine  
Concen: 42.194 ng  
RT: 7.416 min Scan# 819  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

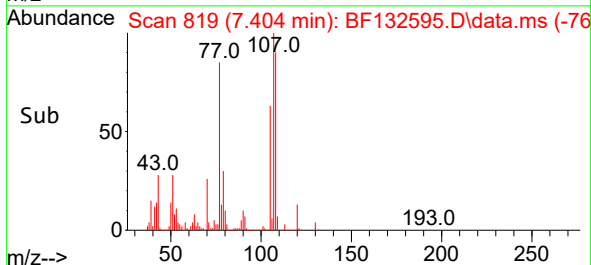
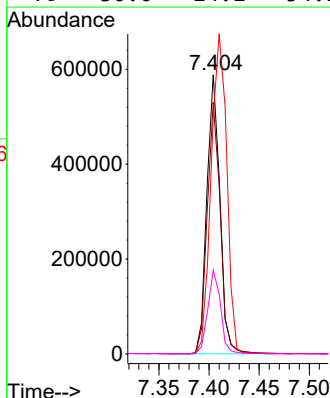
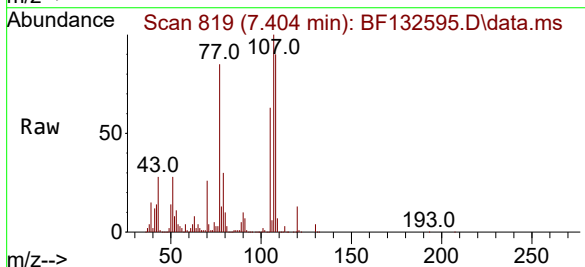
Instrument :  
BNA\_F  
ClientSampleId :  
SAMPLE-1-COMP-1MSD

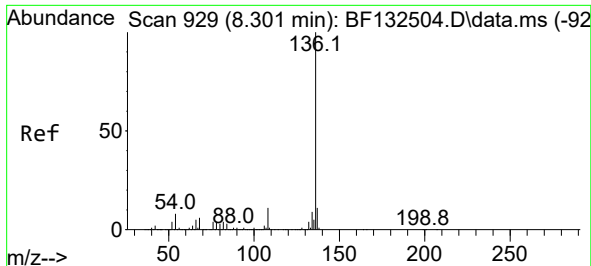
Tgt Ion: 70 Resp: 362837  
Ion Ratio Lower Upper  
70 100  
42 49.7 44.1 66.1  
101 10.1 7.4 11.2  
130 20.4 14.2 21.4



#20  
3+4-Methylphenols  
Concen: 39.905 ng  
RT: 7.404 min Scan# 819  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

Tgt Ion: 107 Resp: 534650  
Ion Ratio Lower Upper  
107 100  
108 90.1 72.6 112.6  
77 85.0 104.0 144.0#  
79 30.0 14.1 54.1

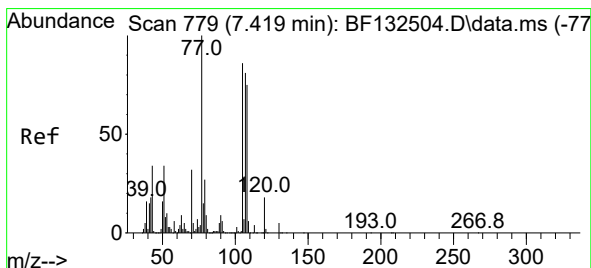
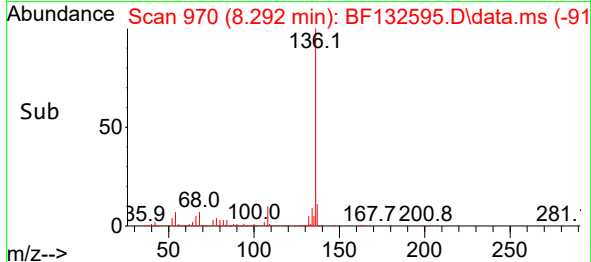
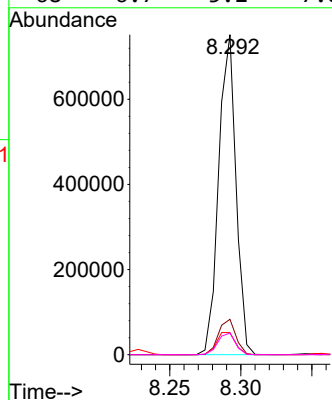
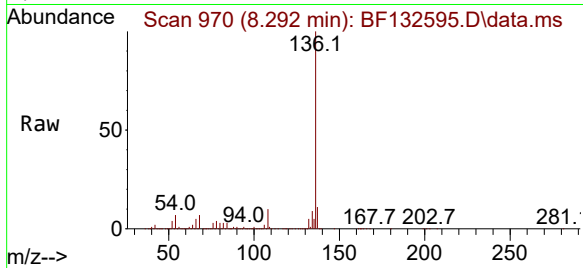




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.292 min Scan# 91  
Delta R.T. 0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

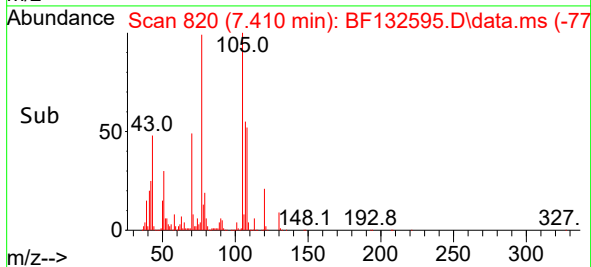
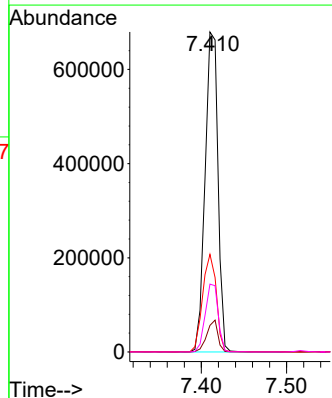
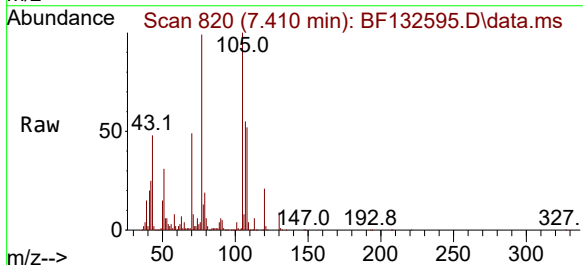
Instrument :  
BNA\_F  
ClientSampleId :  
SAMPLE-1-COMP-1MSD

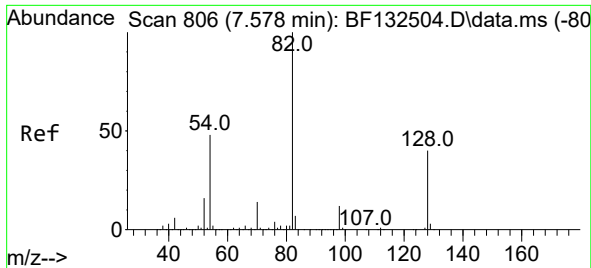
Tgt Ion:136 Resp: 635382  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.9 13.3  
54 6.9 6.2 9.4  
68 6.7 5.2 7.8



#22  
Acetophenone  
Concen: 44.574 ng  
RT: 7.410 min Scan# 820  
Delta R.T. -0.009 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

Tgt Ion:105 Resp: 714146  
Ion Ratio Lower Upper  
105 100  
71 8.3 5.0 7.4#  
51 30.5 31.5 47.3#  
120 21.2 17.0 25.4





#23

Nitrobenzene-d5

Concen: 70.998 ng

RT: 7.569 min Scan# 84

Delta R.T. -0.003 min

Lab File: BF132595.D

Acq: 01 Mar 2023 17:15

Instrument :

BNA\_F

ClientSampleId :

SAMPLE-1-COMP-1MSD

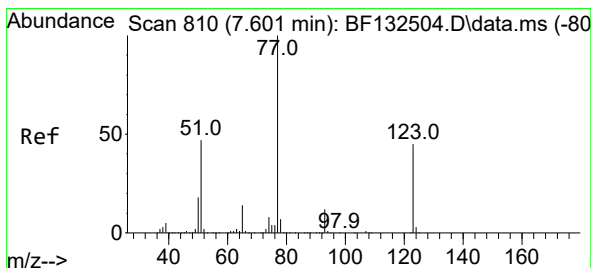
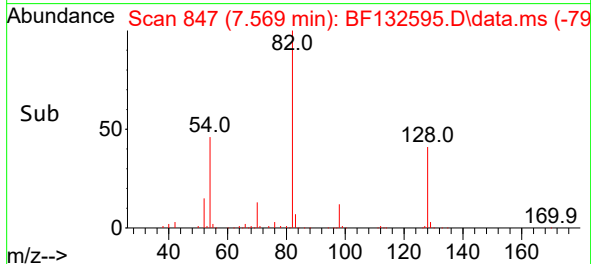
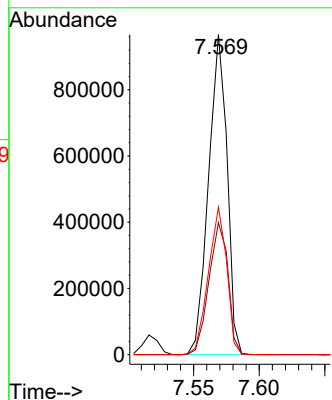
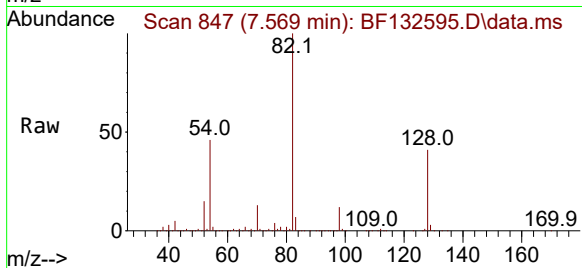
Tgt Ion: 82 Resp: 950809

Ion Ratio Lower Upper

82 100

128 41.2 32.2 48.2

54 46.1 38.4 57.6



#24

Nitrobenzene

Concen: 43.179 ng

RT: 7.587 min Scan# 850

Delta R.T. -0.009 min

Lab File: BF132595.D

Acq: 01 Mar 2023 17:15

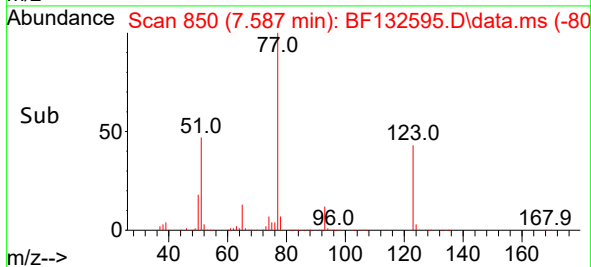
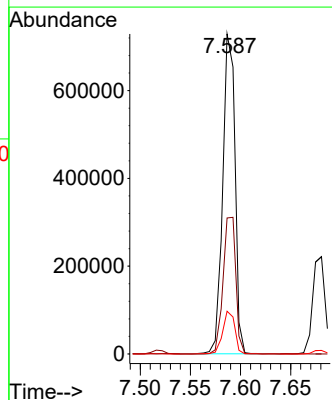
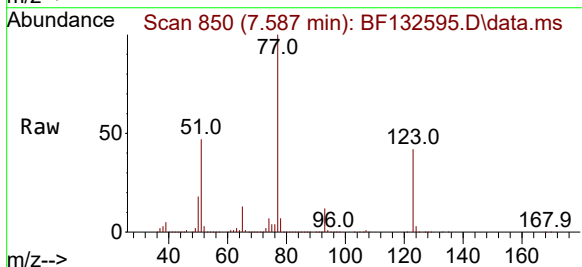
Tgt Ion: 77 Resp: 618441

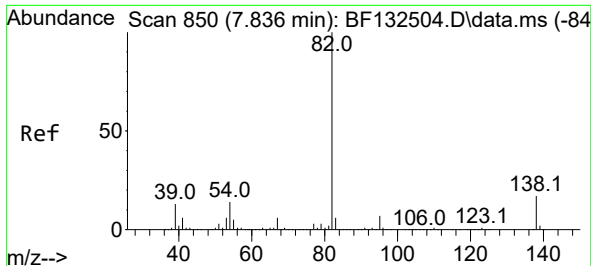
Ion Ratio Lower Upper

77 100

123 42.5 35.8 53.6

65 13.4 10.9 16.3

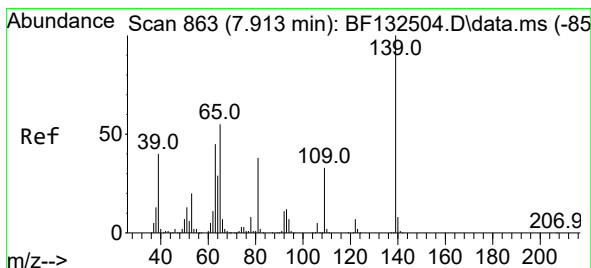
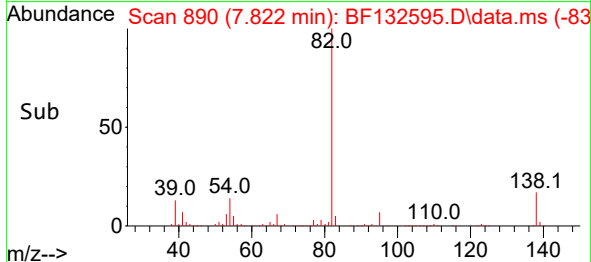
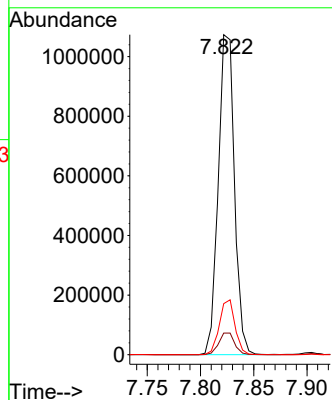
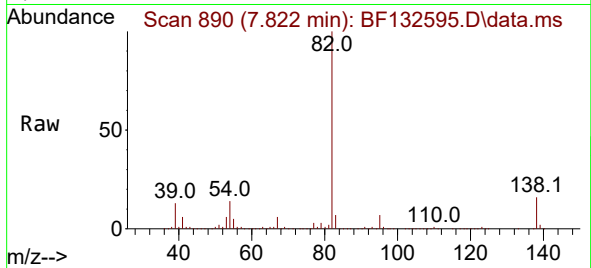




#25  
Isophorone  
Concen: 44.122 ng  
RT: 7.822 min Scan# 890  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

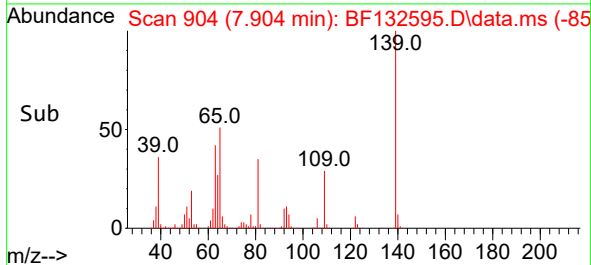
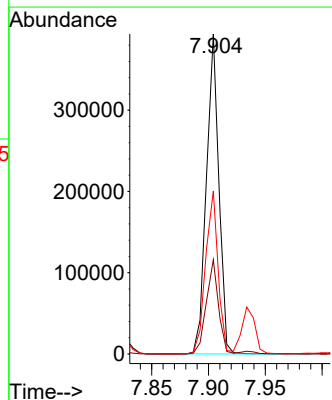
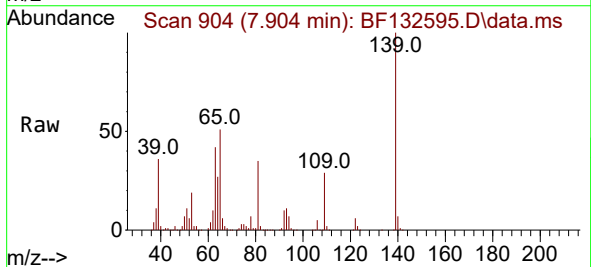
Instrument :  
BNA\_F  
ClientSampleId :  
SAMPLE-1-COMP-1MSD

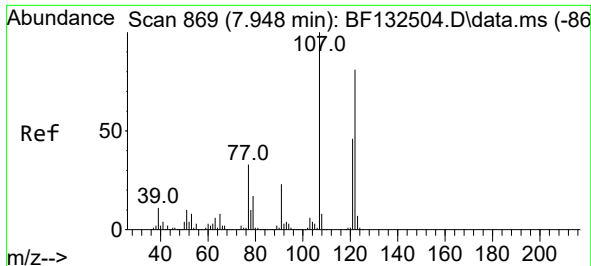
Tgt Ion: 82 Resp: 1132874  
Ion Ratio Lower Upper  
82 100  
95 6.7 5.7 8.5  
138 15.9 13.3 19.9



#26  
2-Nitrophenol  
Concen: 47.401 ng  
RT: 7.904 min Scan# 904  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

Tgt Ion: 139 Resp: 299547  
Ion Ratio Lower Upper  
139 100  
109 29.5 26.2 39.2  
65 51.0 43.8 65.8





#27

2,4-Dimethylphenol

Concen: 46.444 ng

RT: 7.934 min Scan# 90

Delta R.T. -0.003 min

Lab File: BF132595.D

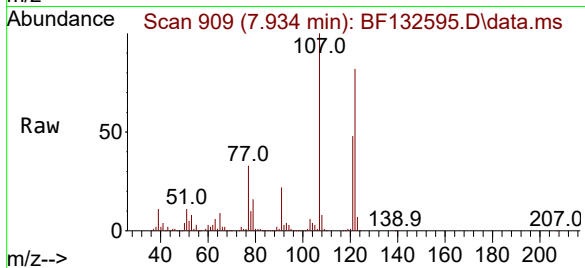
Acq: 01 Mar 2023 17:15

Instrument :

BNA\_F

ClientSampleId :

SAMPLE-1-COMP-1MSD



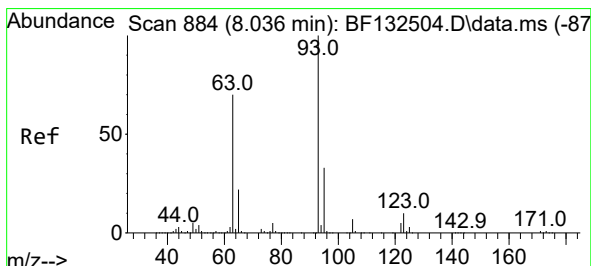
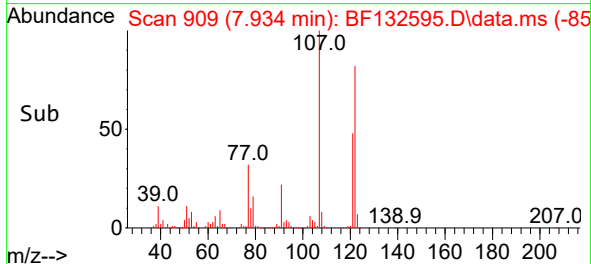
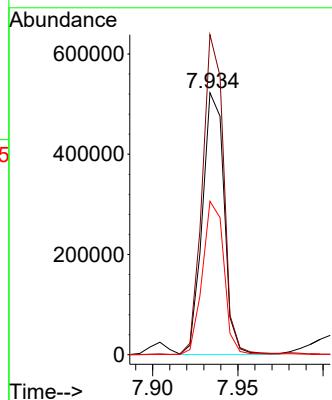
Tgt Ion:122 Resp: 463228

Ion Ratio Lower Upper

122 100

107 122.2 98.7 148.1

121 58.5 45.8 68.6



#28

bis(2-Chloroethoxy)methane

Concen: 45.997 ng

RT: 8.028 min Scan# 925

Delta R.T. -0.003 min

Lab File: BF132595.D

Acq: 01 Mar 2023 17:15

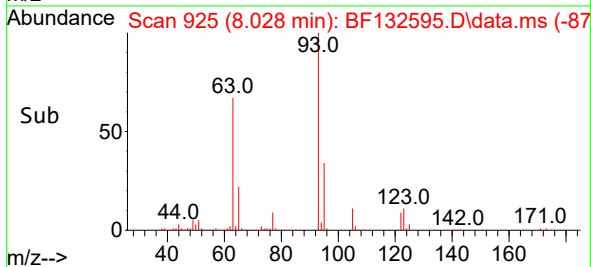
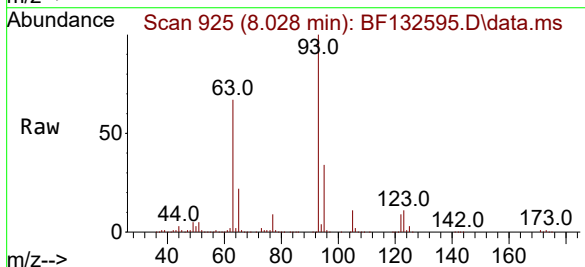
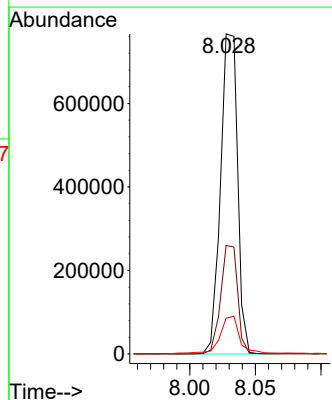
Tgt Ion: 93 Resp: 690875

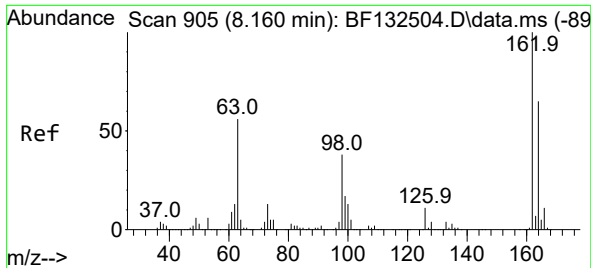
Ion Ratio Lower Upper

93 100

95 33.9 26.3 39.5

123 11.2 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 45.197 ng

RT: 8.145 min Scan# 945

Delta R.T. -0.003 min

Lab File: BF132595.D

Acq: 01 Mar 2023 17:15

Instrument :

BNA\_F

ClientSampleId :

SAMPLE-1-COMP-1MSD

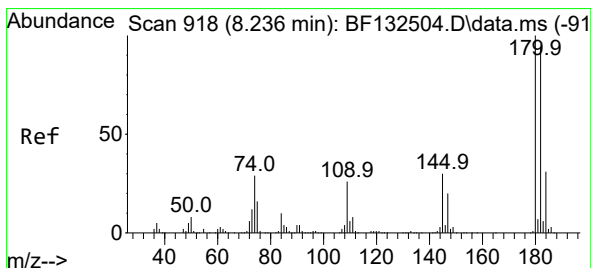
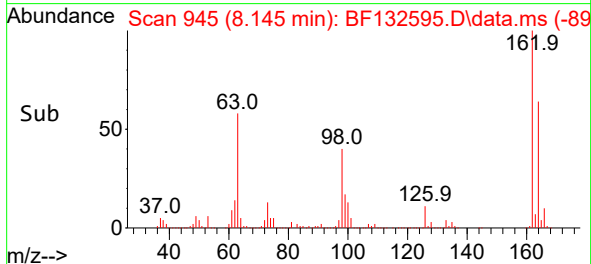
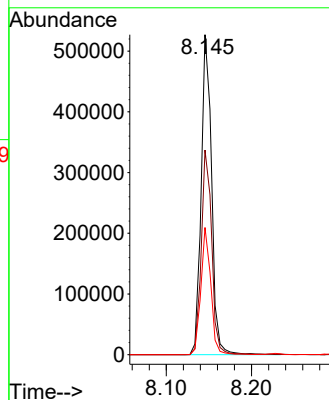
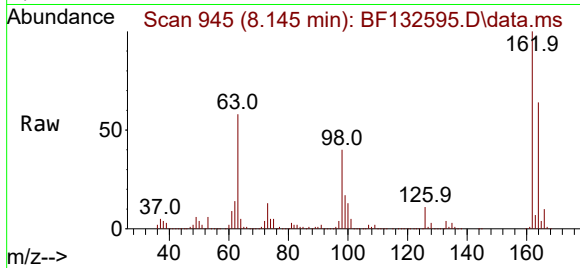
Tgt Ion:162 Resp: 448427

Ion Ratio Lower Upper

162 100

164 64.0 45.3 85.3

98 39.7 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 47.186 ng

RT: 8.228 min Scan# 959

Delta R.T. -0.003 min

Lab File: BF132595.D

Acq: 01 Mar 2023 17:15

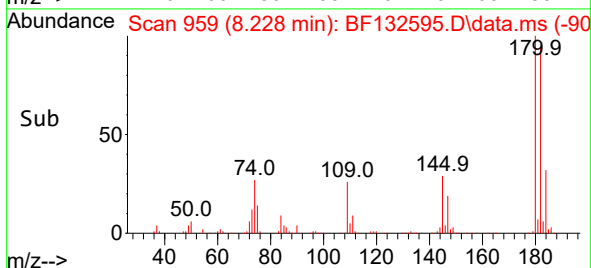
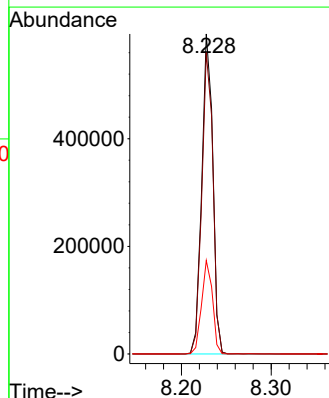
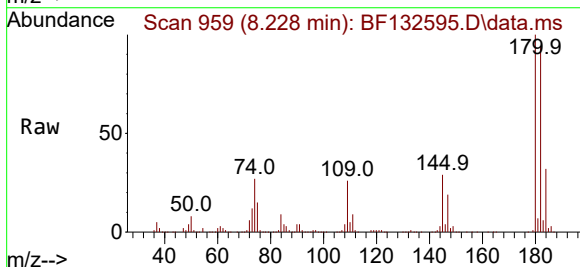
Tgt Ion:180 Resp: 508355

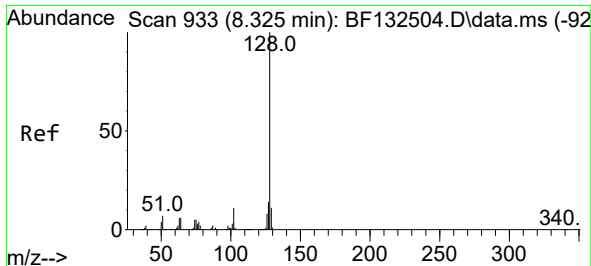
Ion Ratio Lower Upper

180 100

182 94.2 75.1 112.7

145 29.2 23.8 35.6

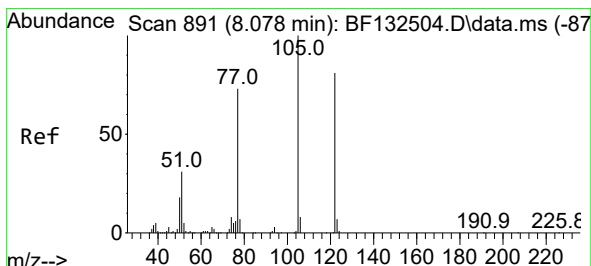
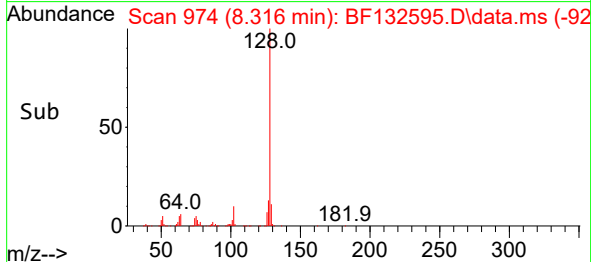
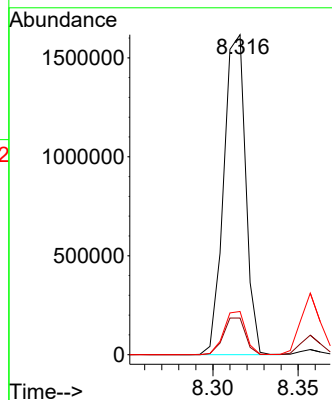
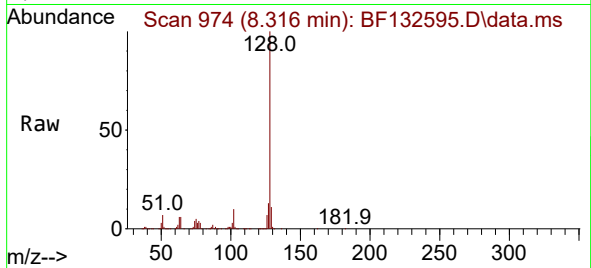




#31  
Naphthalene  
Concen: 44.417 ng  
RT: 8.316 min Scan# 91  
Delta R.T. 0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

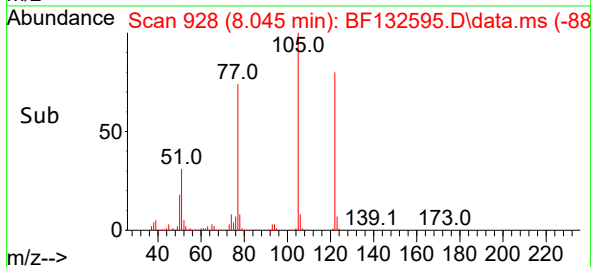
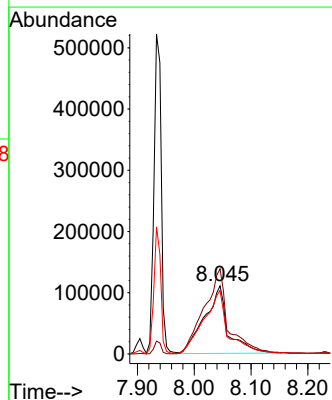
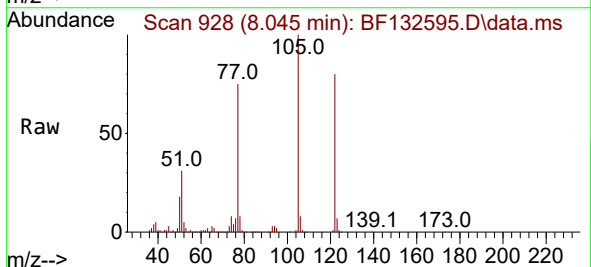
Instrument :  
BNA\_F  
ClientSampleId :  
SAMPLE-1-COMP-1MSD

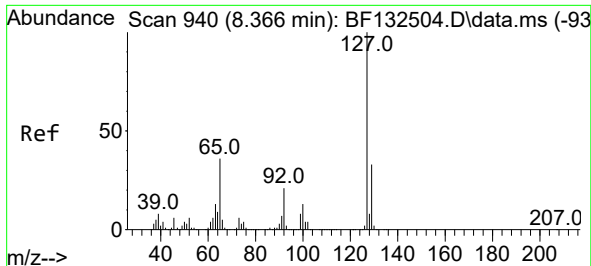
Tgt Ion:128 Resp: 1444762  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.1 13.7  
127 13.5 11.0 16.6



#32  
Benzoic acid  
Concen: 41.010 ng  
RT: 8.045 min Scan# 928  
Delta R.T. -0.020 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

Tgt Ion:122 Resp: 317548  
Ion Ratio Lower Upper  
122 100  
105 124.9 102.6 142.6  
77 93.3 70.2 110.2

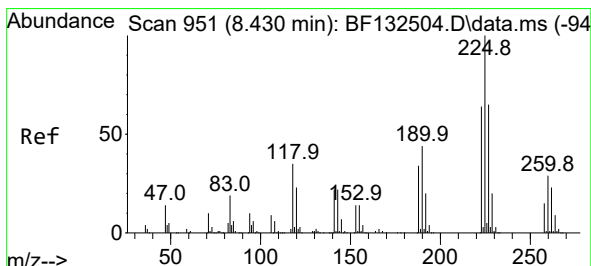
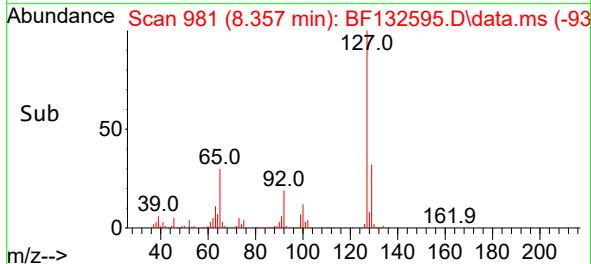
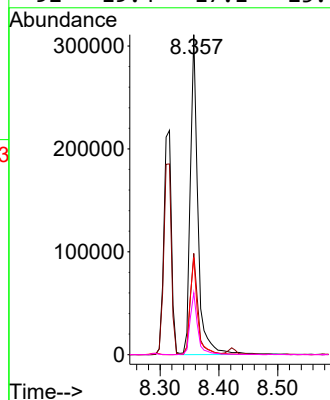
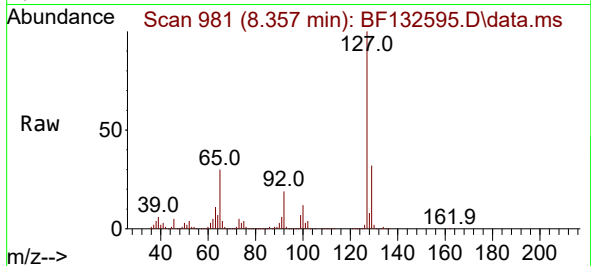




#33  
4-Chloroaniline  
Concen: 20.195 ng  
RT: 8.357 min Scan# 91  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

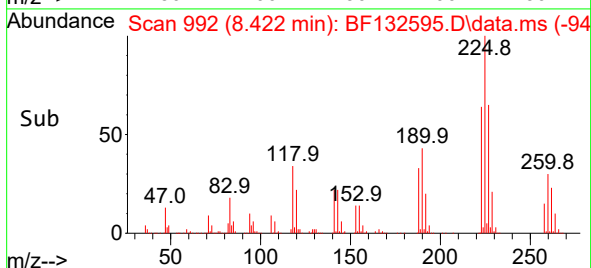
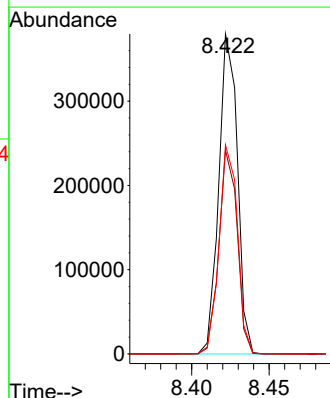
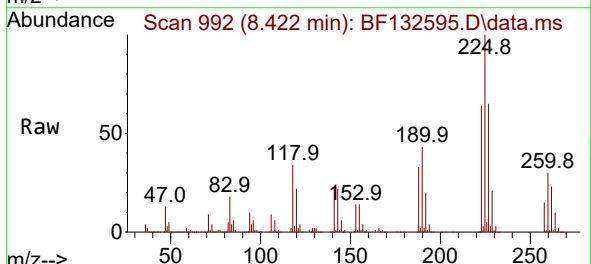
Instrument :  
BNA\_F  
ClientSampleId :  
SAMPLE-1-COMP-1MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 281499 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.7  | 26.4  | 39.6   |
| 65       | 30.4  | 28.8  | 43.2   |
| 92       | 19.4  | 17.1  | 25.7   |



#34  
Hexachlorobutadiene  
Concen: 46.377 ng  
RT: 8.422 min Scan# 992  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 317497 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.7  | 51.0  | 76.4   |
| 227      | 65.3  | 51.7  | 77.5   |

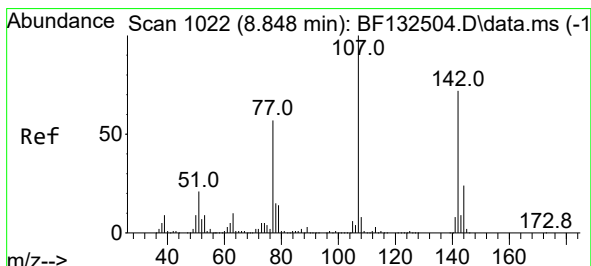
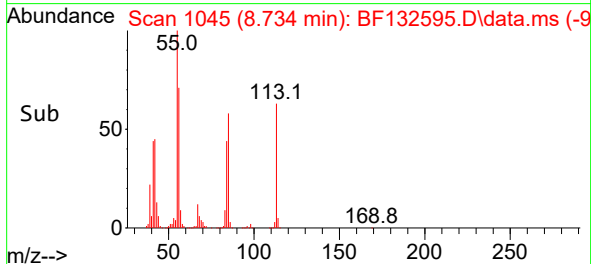
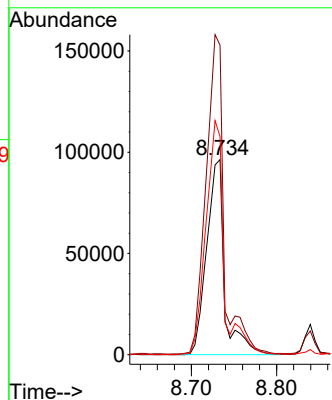
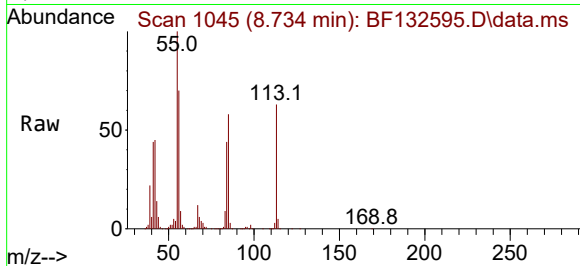




#35  
 Caprolactam  
 Concen: 42.772 ng  
 RT: 8.734 min Scan# 1045  
 Delta R.T. -0.009 min  
 Lab File: BF132595.D  
 Acq: 01 Mar 2023 17:15

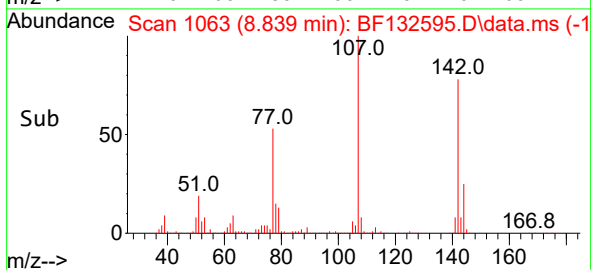
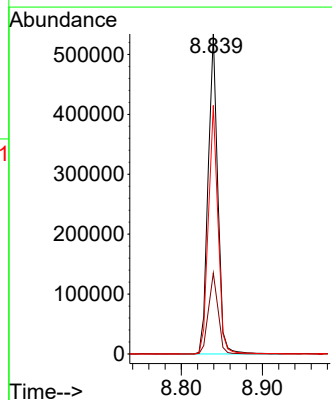
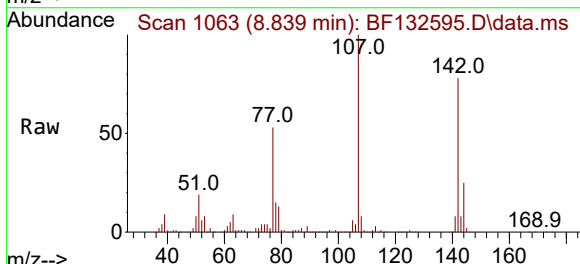
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SAMPLE-1-COMP-1MSD

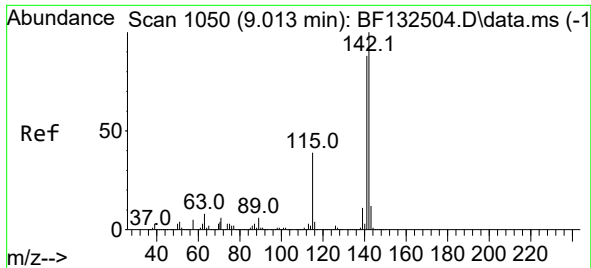
Tgt Ion:113 Resp: 139903  
 Ion Ratio Lower Upper  
 113 100  
 55 158.6 149.4 189.4  
 56 111.8 105.0 145.0



#36  
 4-Chloro-3-methylphenol  
 Concen: 40.328 ng  
 RT: 8.839 min Scan# 1063  
 Delta R.T. -0.003 min  
 Lab File: BF132595.D  
 Acq: 01 Mar 2023 17:15

Tgt Ion:107 Resp: 439405  
 Ion Ratio Lower Upper  
 107 100  
 144 25.3 18.9 28.3  
 142 77.7 57.9 86.9

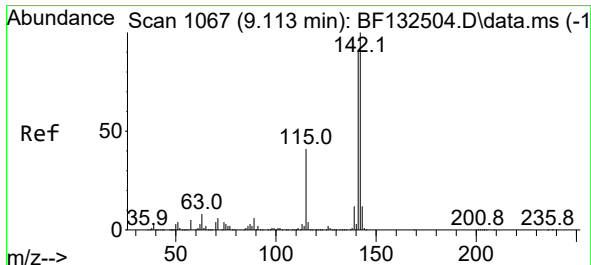
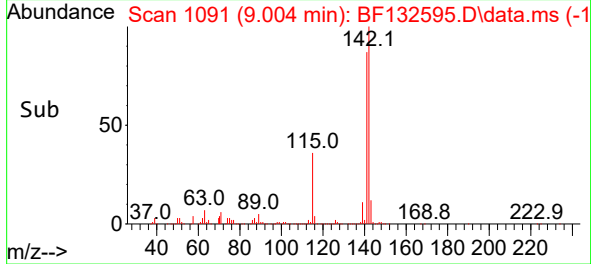
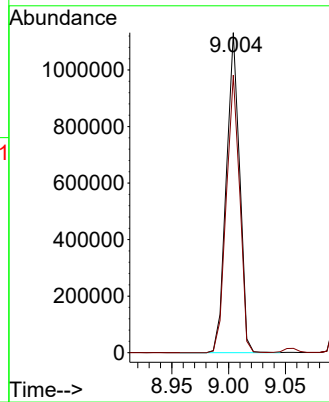
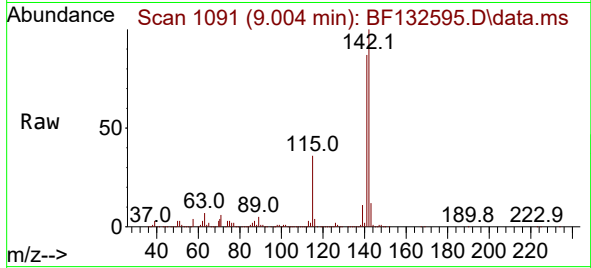




#37  
2-Methylnaphthalene  
Concen: 41.582 ng  
RT: 9.004 min Scan# 1108  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

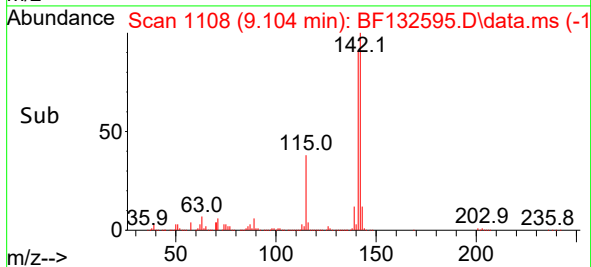
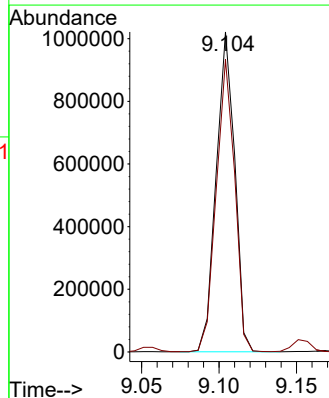
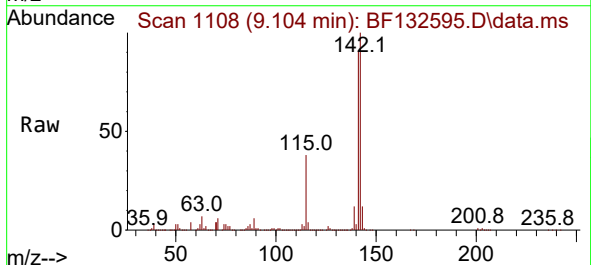
Instrument :  
BNA\_F  
ClientSampleId :  
SAMPLE-1-COMP-1MSD

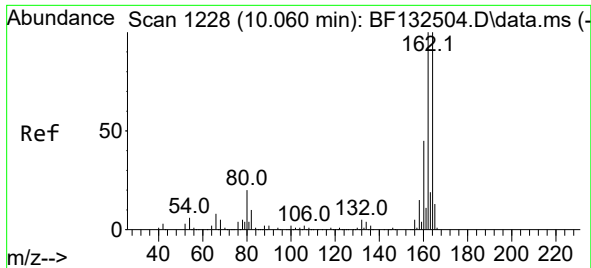
Tgt Ion:142 Resp: 921745  
Ion Ratio Lower Upper  
142 100  
141 86.8 70.2 105.2



#38  
1-Methylnaphthalene  
Concen: 41.028 ng  
RT: 9.104 min Scan# 1108  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

Tgt Ion:142 Resp: 849940  
Ion Ratio Lower Upper  
142 100  
141 91.4 73.0 109.6

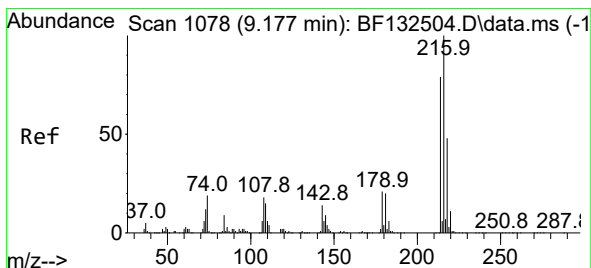
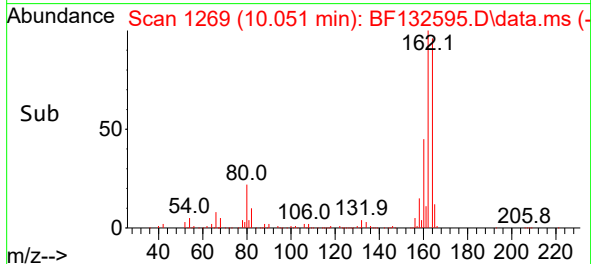
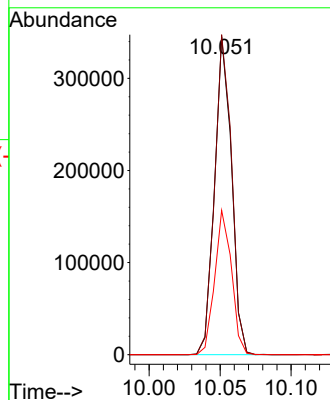
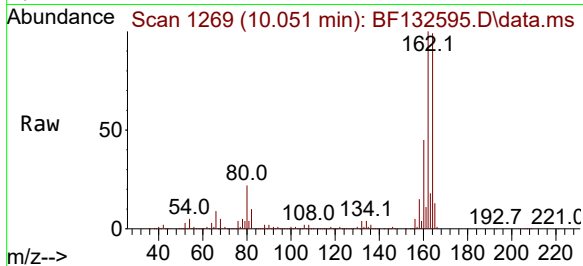




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.051 min Scan# 1119  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

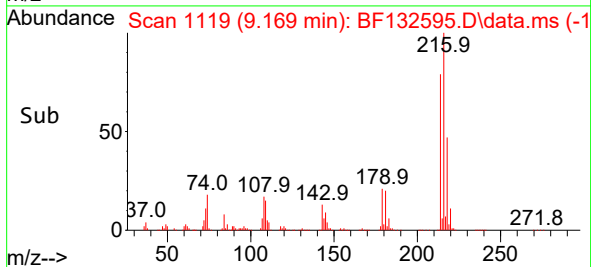
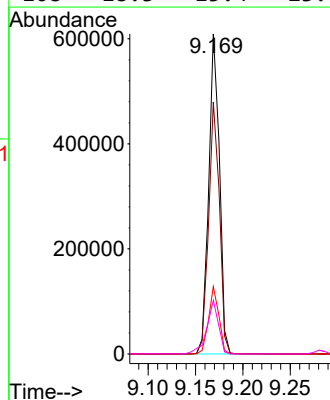
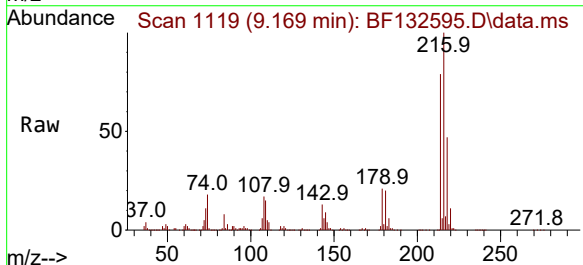
Instrument :  
BNA\_F  
ClientSampleId :  
SAMPLE-1-COMP-1MSD

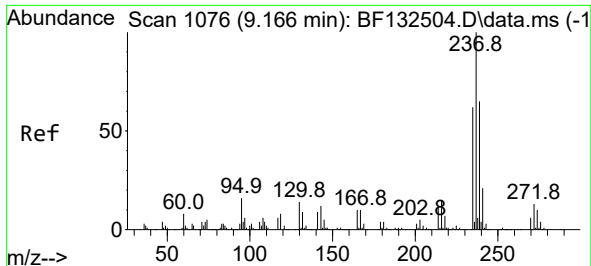
Tgt Ion:164 Resp: 285795  
Ion Ratio Lower Upper  
164 100  
162 100.6 79.8 119.8  
160 45.4 35.8 53.6



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 50.981 ng  
RT: 9.169 min Scan# 1119  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

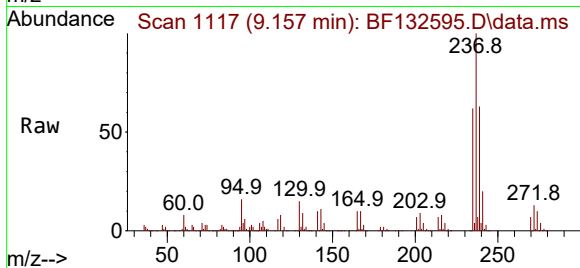
Tgt Ion:216 Resp: 476702  
Ion Ratio Lower Upper  
216 100  
214 79.2 63.0 94.6  
179 20.1 16.6 24.8  
108 18.3 15.4 23.0



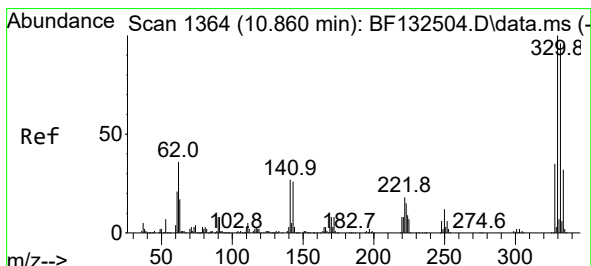
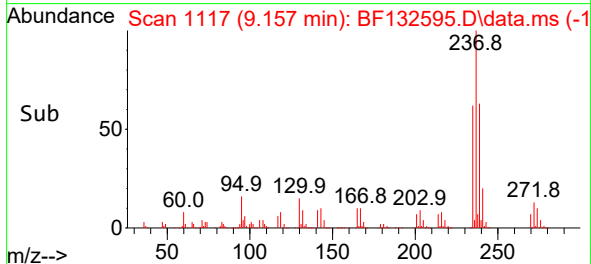
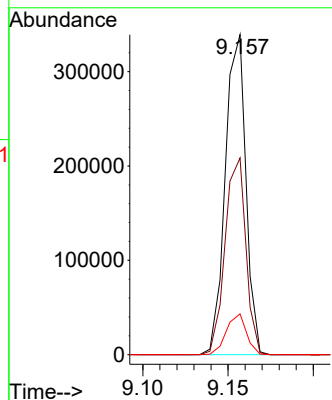


#41  
Hexachlorocyclopentadiene  
Concen: 56.199 ng  
RT: 9.157 min Scan# 1117  
Delta R.T. 0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

Instrument :  
BNA\_F  
ClientSampleId :  
SAMPLE-1-COMP-1MSD

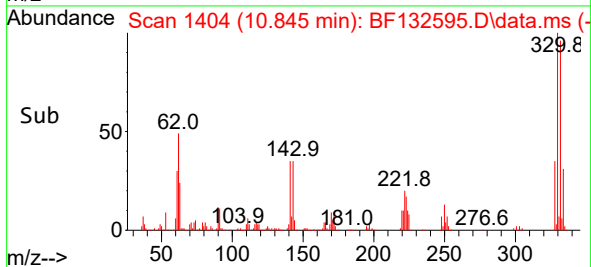
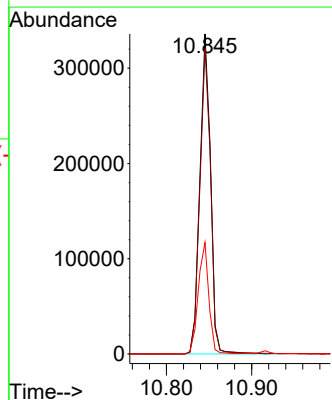
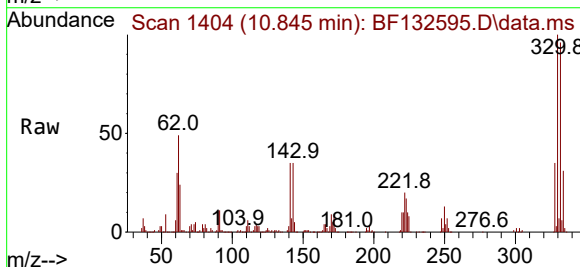


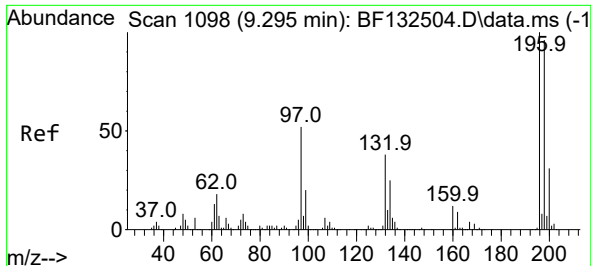
Tgt Ion:237 Resp: 285020  
Ion Ratio Lower Upper  
237 100  
235 61.5 42.4 82.4  
272 12.7 0.0 32.7



#42  
2,4,6-Tribromophenol  
Concen: 95.313 ng  
RT: 10.845 min Scan# 1404  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

Tgt Ion:330 Resp: 294181  
Ion Ratio Lower Upper  
330 100  
332 95.6 76.2 114.4  
141 34.2 28.4 42.6





#43

2,4,6-Trichlorophenol

Concen: 47.864 ng

RT: 9.281 min Scan# 1118

Delta R.T. -0.003 min

Lab File: BF132595.D

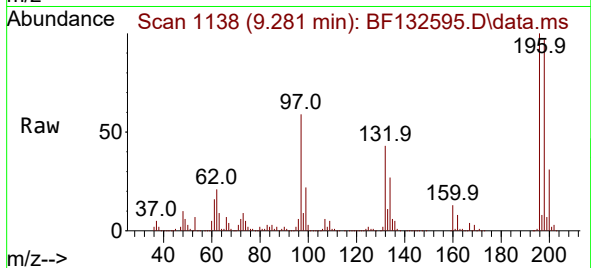
Acq: 01 Mar 2023 17:15

Instrument :

BNA\_F

ClientSampleId :

SAMPLE-1-COMP-1MSD



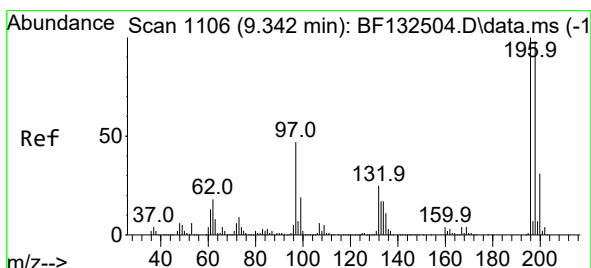
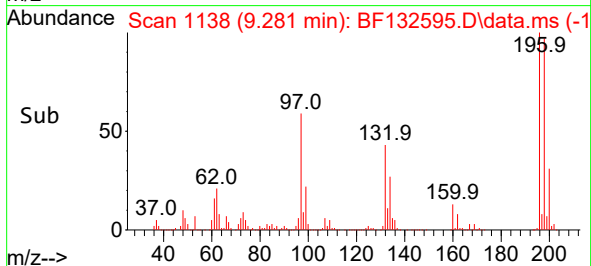
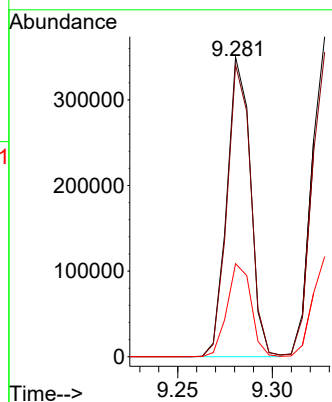
Tgt Ion:196 Resp: 303308

Ion Ratio Lower Upper

196 100

198 97.5 77.1 115.7

200 31.0 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 42.918 ng

RT: 9.328 min Scan# 1146

Delta R.T. 0.003 min

Lab File: BF132595.D

Acq: 01 Mar 2023 17:15

Tgt Ion:196 Resp: 317419

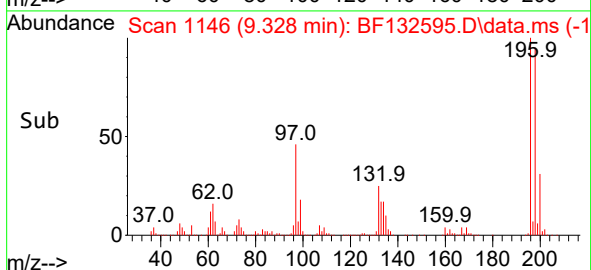
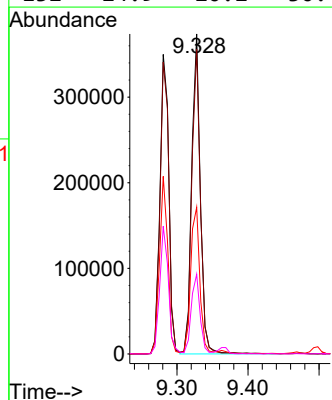
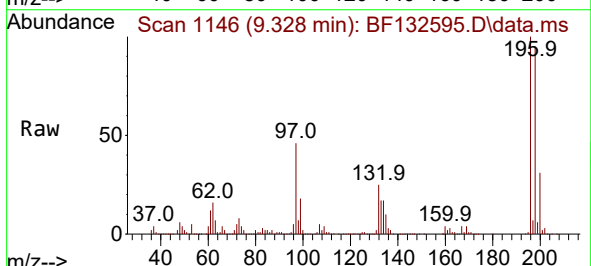
Ion Ratio Lower Upper

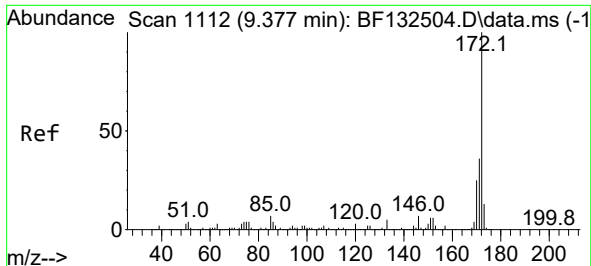
196 100

198 95.2 78.3 117.5

97 45.8 38.1 57.1

132 24.9 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 75.986 ng

RT: 9.363 min Scan# 1112

Delta R.T. -0.009 min

Lab File: BF132595.D

Acq: 01 Mar 2023 17:15

Instrument :

BNA\_F

ClientSampleId :

SAMPLE-1-COMP-1MSD

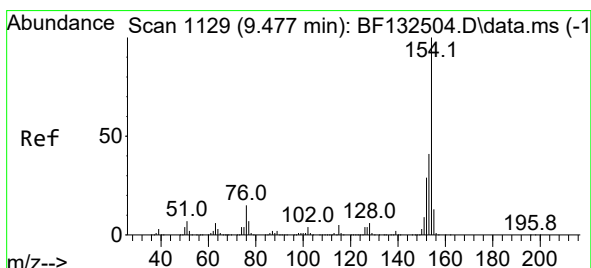
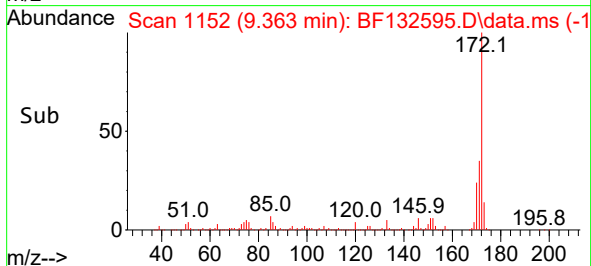
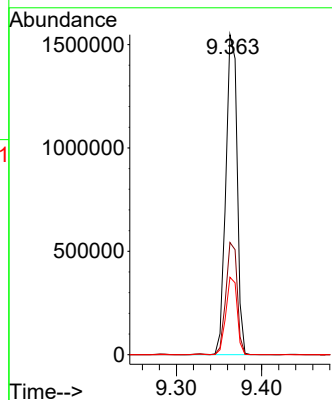
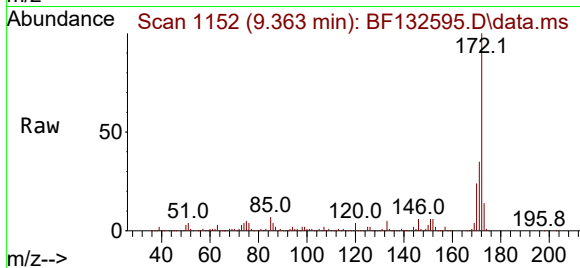
Tgt Ion:172 Resp: 1426220

Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 24.2 19.7 29.5



#46

1,1'-Biphenyl

Concen: 50.068 ng

RT: 9.469 min Scan# 1170

Delta R.T. -0.003 min

Lab File: BF132595.D

Acq: 01 Mar 2023 17:15

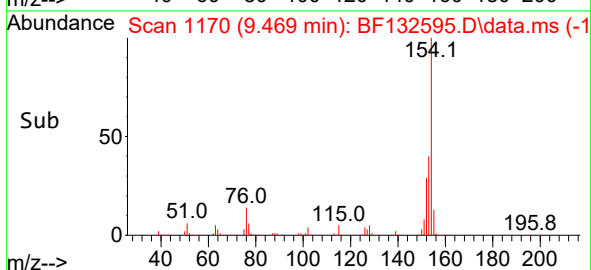
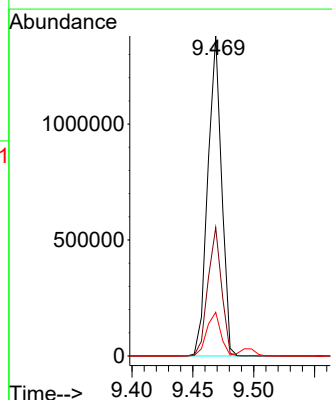
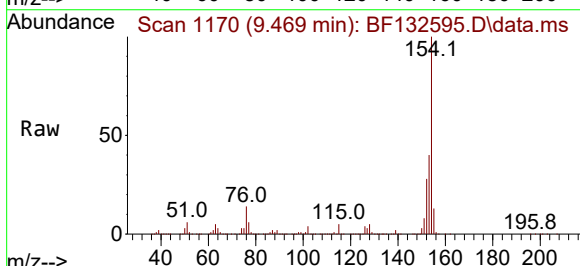
Tgt Ion:154 Resp: 1083035

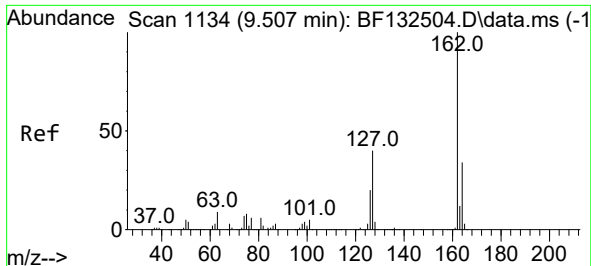
Ion Ratio Lower Upper

154 100

153 40.2 20.9 60.9

76 13.6 0.0 34.7

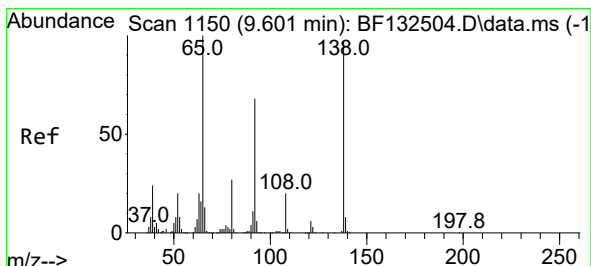
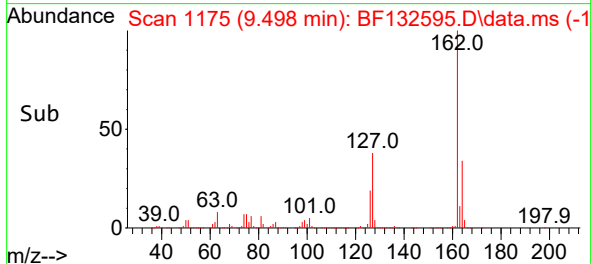
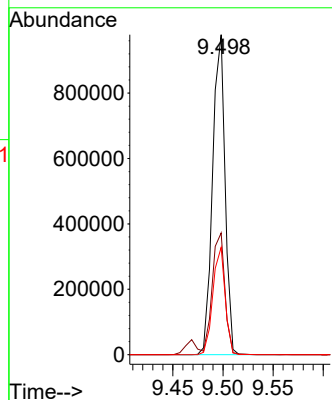
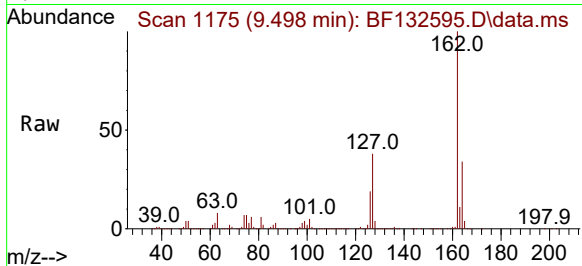




#47  
2-Chloronaphthalene  
Concen: 49.450 ng  
RT: 9.498 min Scan# 11175  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

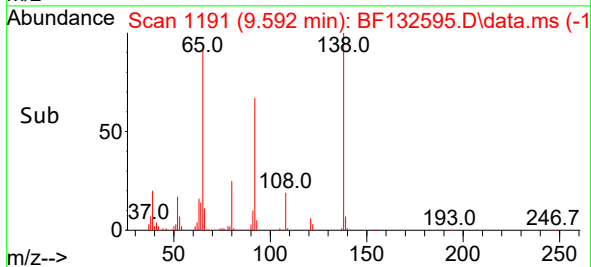
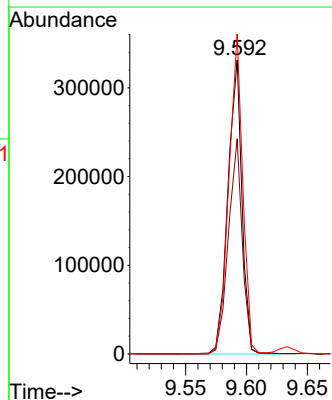
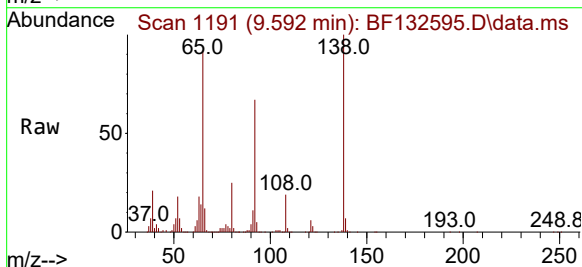
Instrument :  
BNA\_F  
ClientSampleId :  
SAMPLE-1-COMP-1MSD

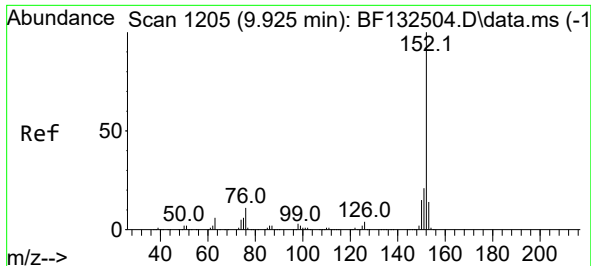
Tgt Ion:162 Resp: 848087  
Ion Ratio Lower Upper  
162 100  
127 38.1 32.3 48.5  
164 33.6 26.9 40.3



#48  
2-Nitroaniline  
Concen: 42.114 ng  
RT: 9.592 min Scan# 11191  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

Tgt Ion: 65 Resp: 266015  
Ion Ratio Lower Upper  
65 100  
92 73.2 54.5 81.7  
138 108.8 77.2 115.8





#49

Acenaphthylene

Concen: 45.599 ng

RT: 9.916 min Scan# 1

Delta R.T. -0.003 min

Lab File: BF132595.D

Acq: 01 Mar 2023 17:15

Instrument :

BNA\_F

ClientSampleId :

SAMPLE-1-COMP-1MSD

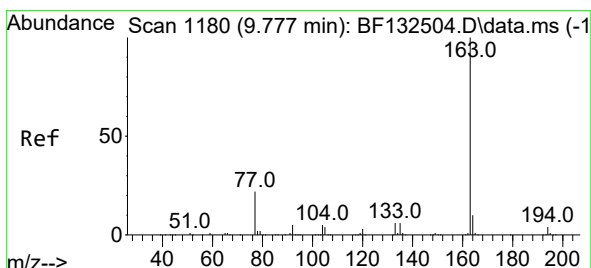
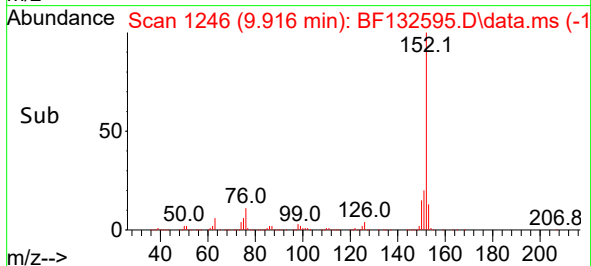
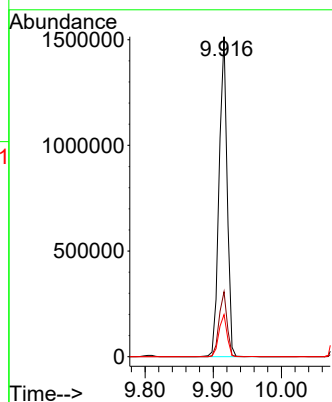
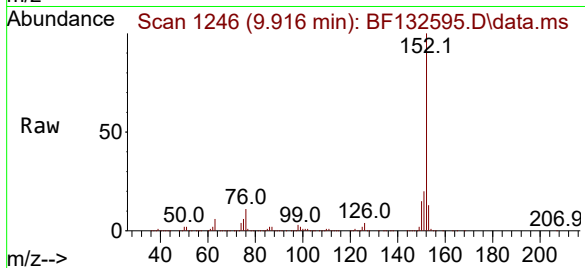
Tgt Ion:152 Resp: 1244618

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

153 13.2 11.0 16.6



#50

Dimethylphthalate

Concen: 47.892 ng

RT: 9.763 min Scan# 1220

Delta R.T. -0.009 min

Lab File: BF132595.D

Acq: 01 Mar 2023 17:15

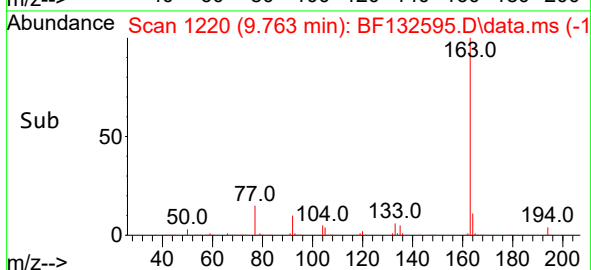
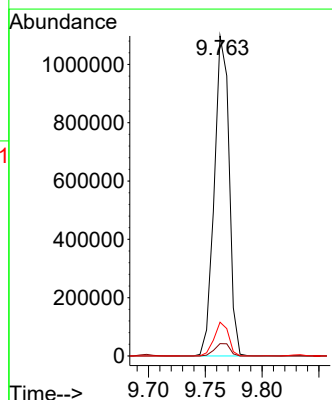
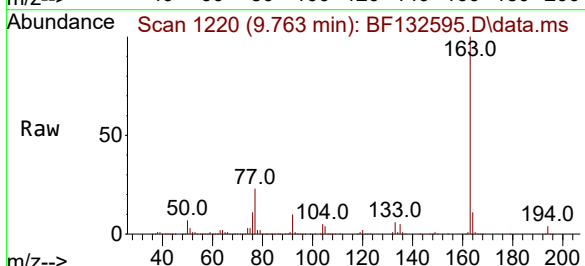
Tgt Ion:163 Resp: 996603

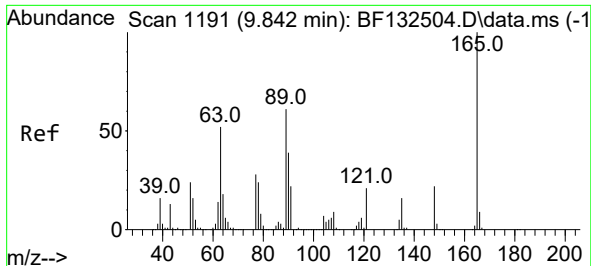
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.6 8.3 12.5

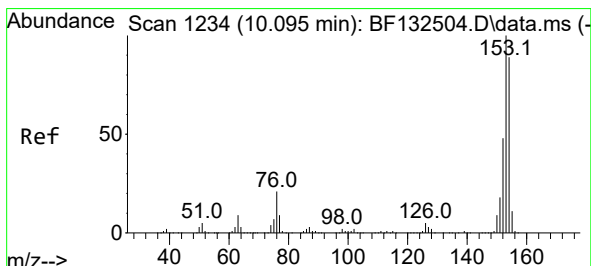
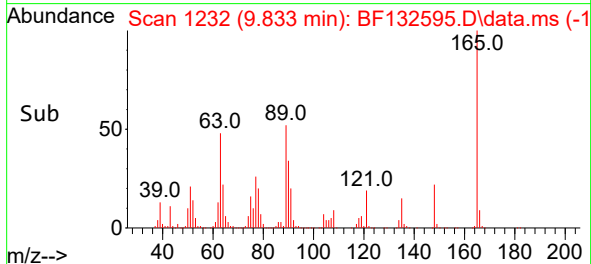
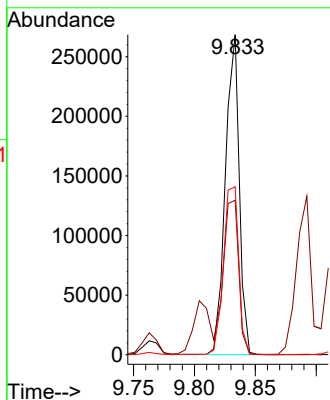
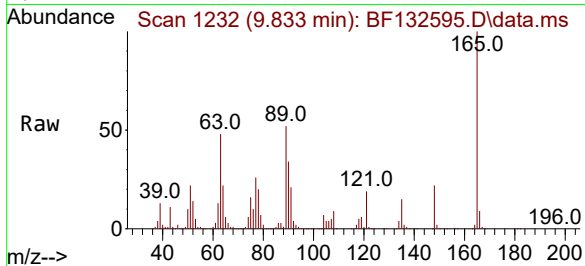




#51  
2,6-Dinitrotoluene  
Concen: 45.048 ng  
RT: 9.833 min Scan# 1191  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

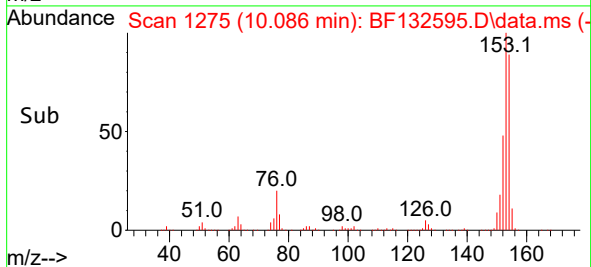
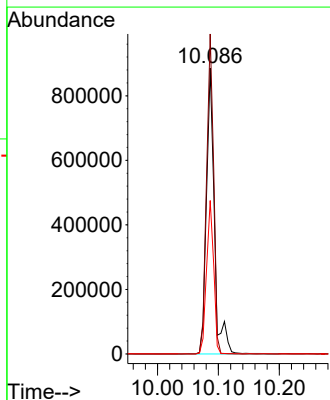
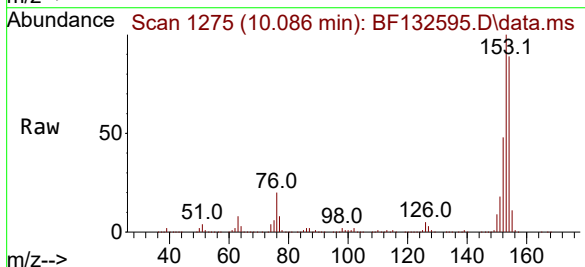
Instrument :  
BNA\_F  
ClientSampleId :  
SAMPLE-1-COMP-1MSD

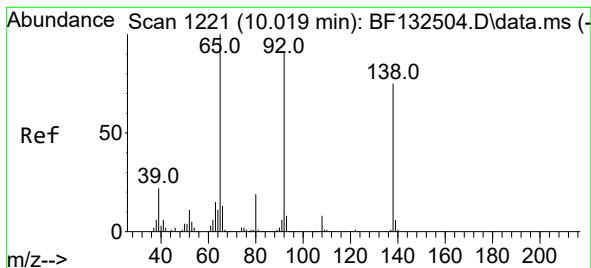
Tgt Ion:165 Resp: 213487  
Ion Ratio Lower Upper  
165 100  
63 48.2 47.3 70.9  
89 52.5 48.9 73.3



#52  
Acenaphthene  
Concen: 46.223 ng  
RT: 10.086 min Scan# 1275  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

Tgt Ion:154 Resp: 801142  
Ion Ratio Lower Upper  
154 100  
153 111.9 89.8 134.8  
152 53.7 43.3 64.9

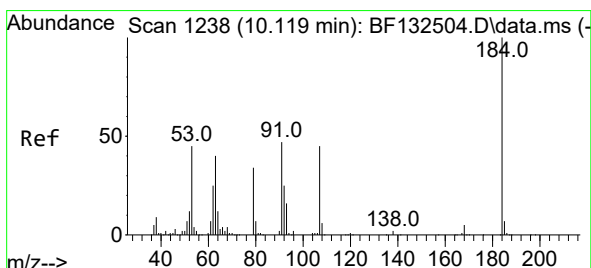
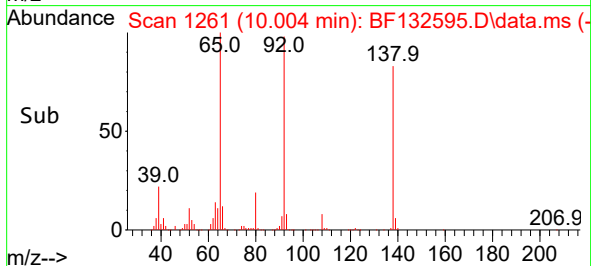
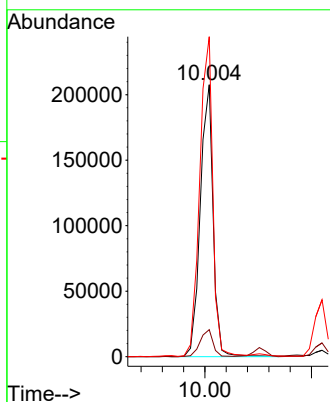
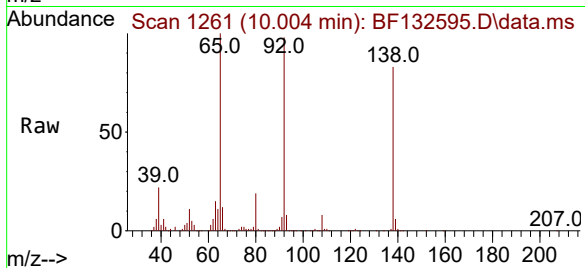




#53  
3-Nitroaniline  
Concen: 32.931 ng  
RT: 10.004 min Scan# 1261  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

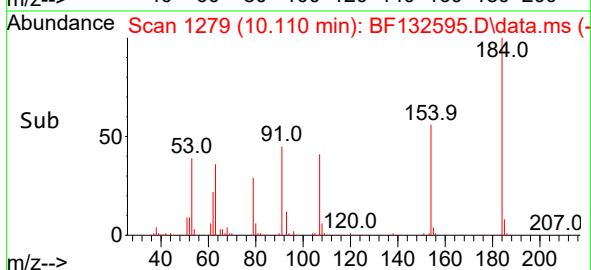
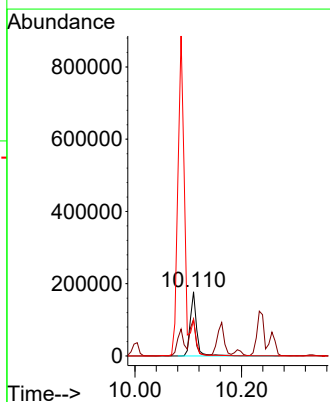
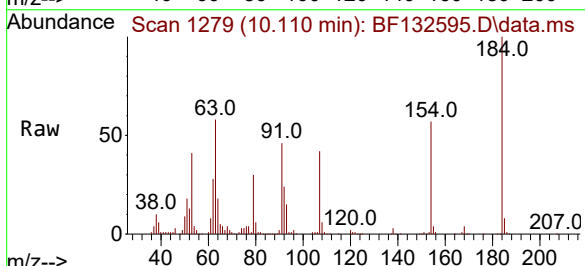
Instrument :  
BNA\_F  
ClientSampleId :  
SAMPLE-1-COMP-1MSD

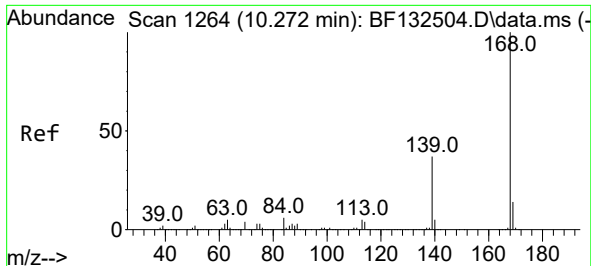
Tgt Ion:138 Resp: 174576  
Ion Ratio Lower Upper  
138 100  
108 9.9 8.1 12.1  
92 117.6 97.2 145.8



#54  
2,4-Dinitrophenol  
Concen: 50.214 ng  
RT: 10.110 min Scan# 1279  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

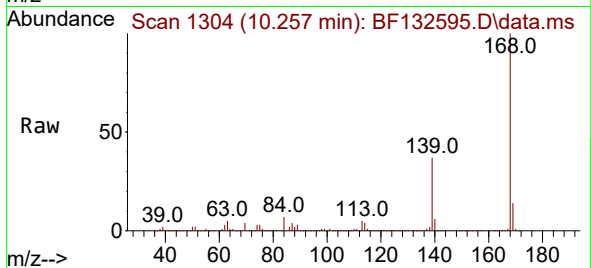
Tgt Ion:184 Resp: 147860  
Ion Ratio Lower Upper  
184 100  
63 57.5 51.4 77.2  
154 56.7 48.3 72.5



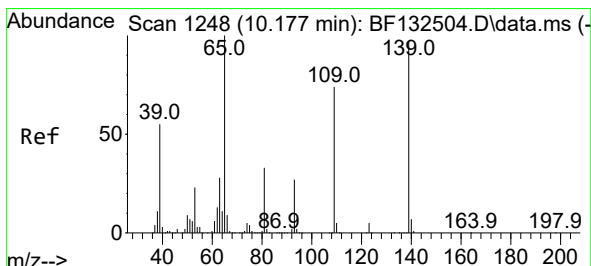
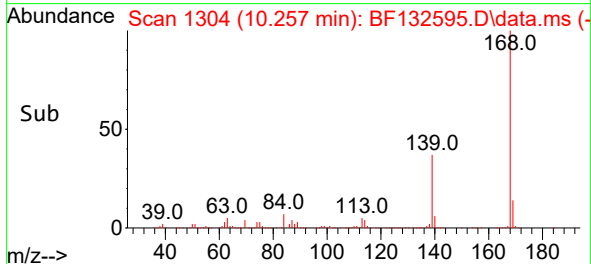
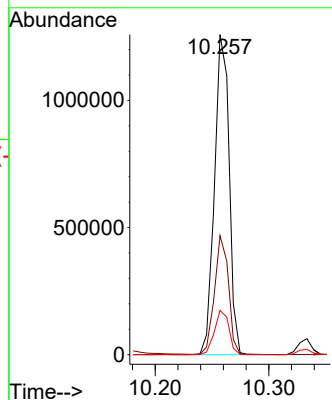


#55  
Dibenzenofuran  
Concen: 44.638 ng  
RT: 10.257 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

Instrument :  
BNA\_F  
ClientSampleId :  
SAMPLE-1-COMP-1MSD

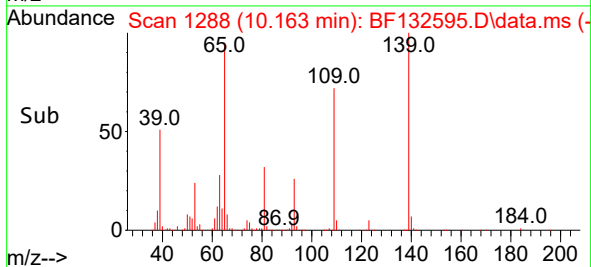
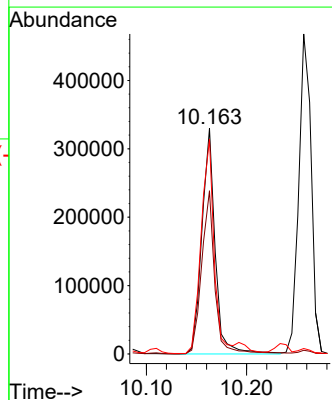
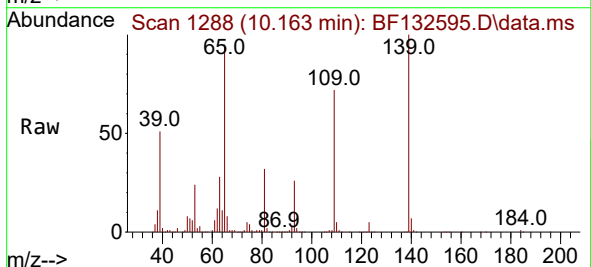


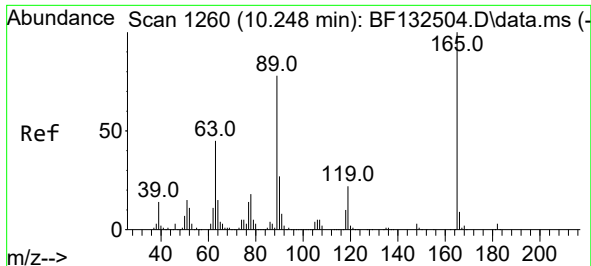
Tgt Ion:168 Resp: 1127898  
Ion Ratio Lower Upper  
168 100  
139 37.2 29.8 44.6  
169 13.9 10.9 16.3



#56  
4-Nitrophenol  
Concen: 77.346 ng  
RT: 10.163 min Scan# 1288  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

Tgt Ion:139 Resp: 305790  
Ion Ratio Lower Upper  
139 100  
109 72.4 56.7 96.7  
65 95.3 83.5 123.5

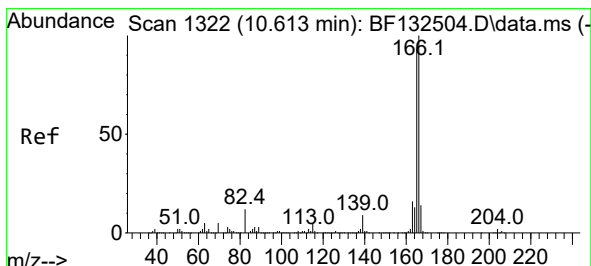
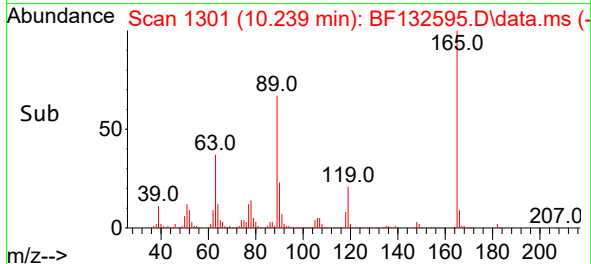
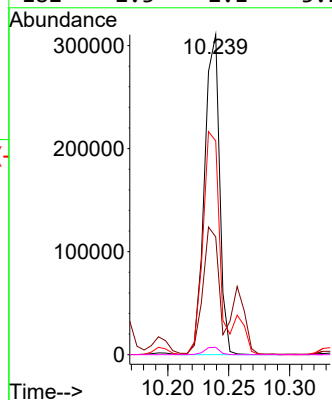
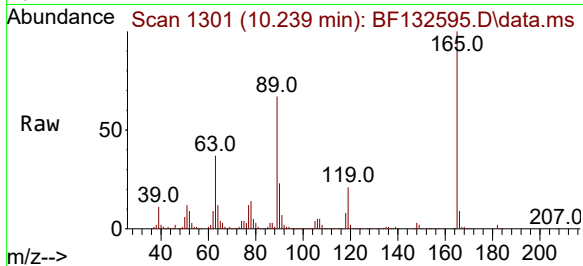




#57  
2,4-Dinitrotoluene  
Concen: 42.325 ng  
RT: 10.239 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

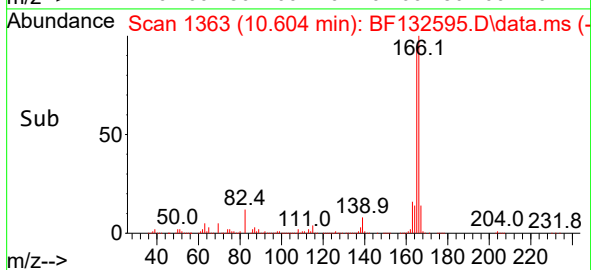
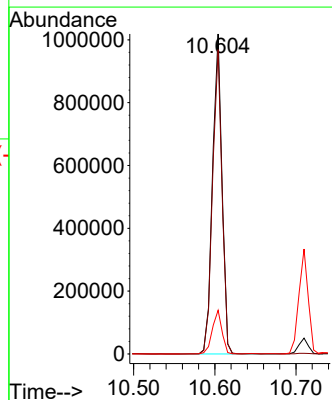
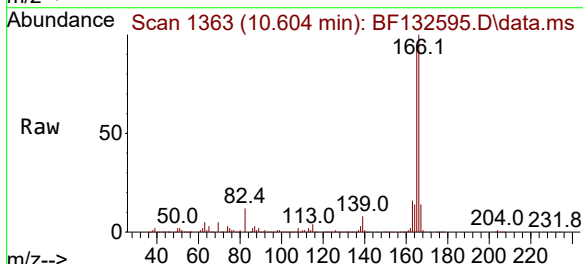
Instrument :  
BNA\_F  
ClientSampleId :  
SAMPLE-1-COMP-1MSD

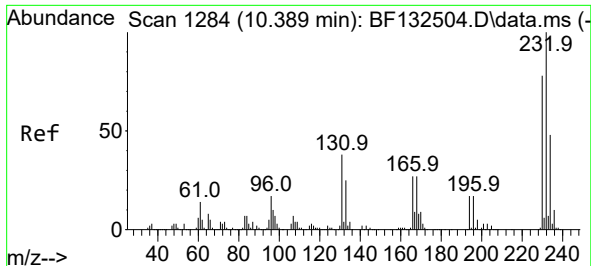
Tgt Ion:165 Resp: 266854  
Ion Ratio Lower Upper  
165 100  
63 36.8 36.5 54.7  
89 66.8 62.4 93.6  
182 2.3 2.1 3.1



#58  
Fluorene  
Concen: 42.503 ng  
RT: 10.604 min Scan# 1363  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

Tgt Ion:166 Resp: 821468  
Ion Ratio Lower Upper  
166 100  
165 95.1 74.2 111.4  
167 13.6 11.1 16.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.934 ng

RT: 10.375 min Scan# 1

Delta R.T. -0.003 min

Lab File: BF132595.D

Acq: 01 Mar 2023 17:15

Instrument :

BNA\_F

ClientSampleId :

SAMPLE-1-COMP-1MSD

Tgt Ion:232 Resp: 235877

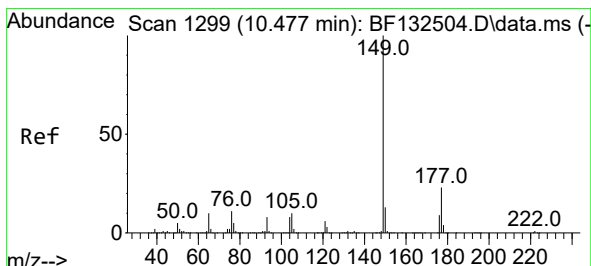
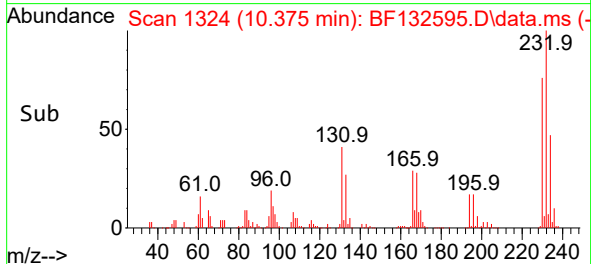
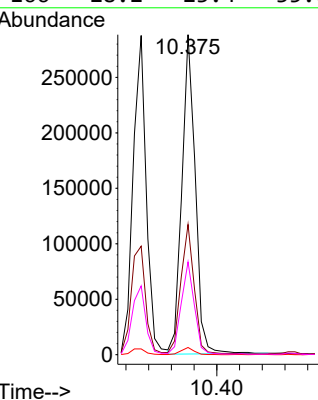
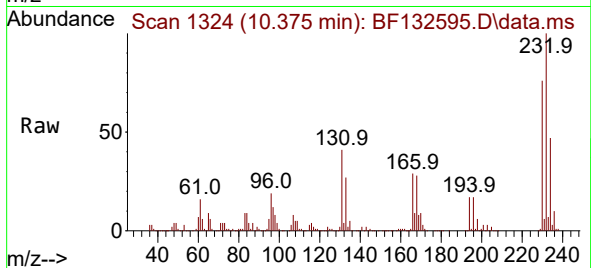
Ion Ratio Lower Upper

232 100

131 40.7 33.8 50.8

130 2.2 1.7 2.5

166 28.2 23.4 35.0



#60

Diethylphthalate

Concen: 44.481 ng

RT: 10.463 min Scan# 1339

Delta R.T. -0.009 min

Lab File: BF132595.D

Acq: 01 Mar 2023 17:15

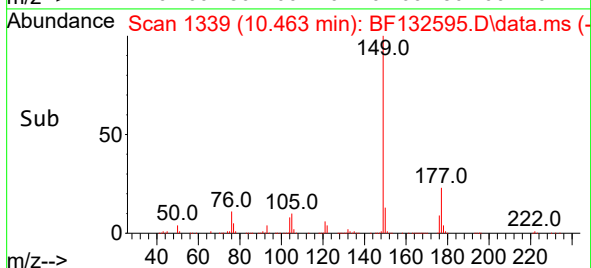
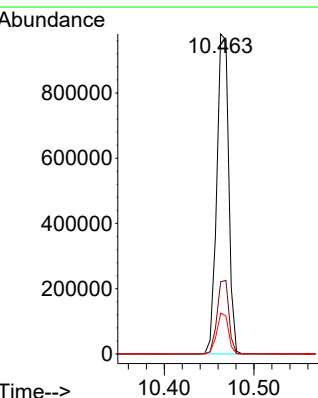
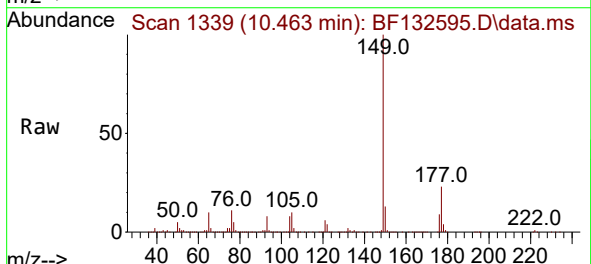
Tgt Ion:149 Resp: 904007

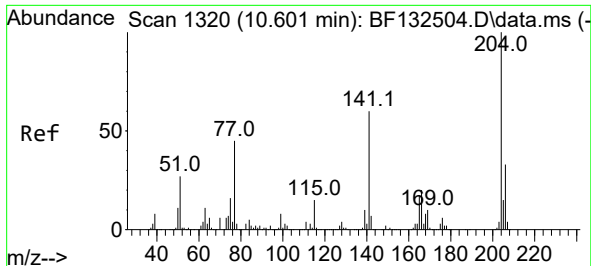
Ion Ratio Lower Upper

149 100

177 22.6 18.1 27.1

150 12.7 10.2 15.2

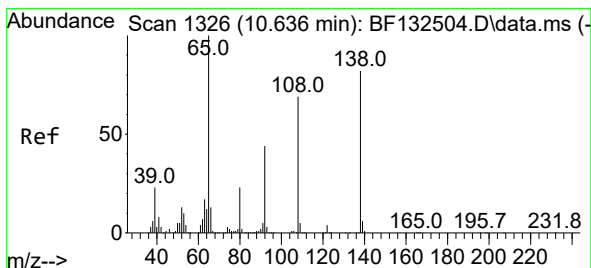
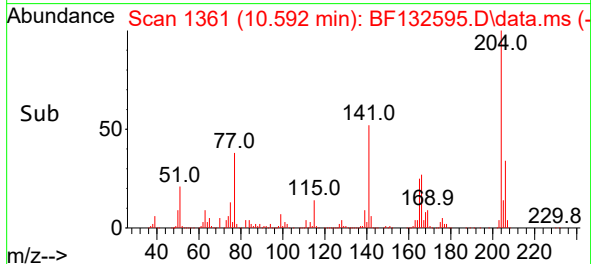
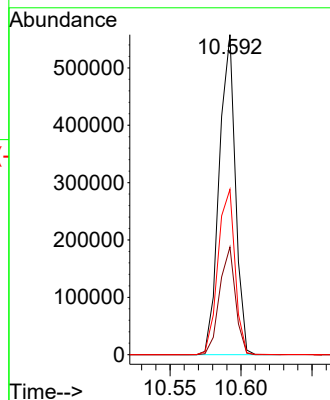
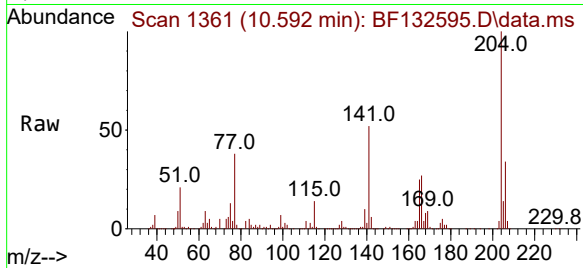




#61  
4-Chlorophenyl-phenylether  
Concen: 44.046 ng  
RT: 10.592 min Scan# 1361  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

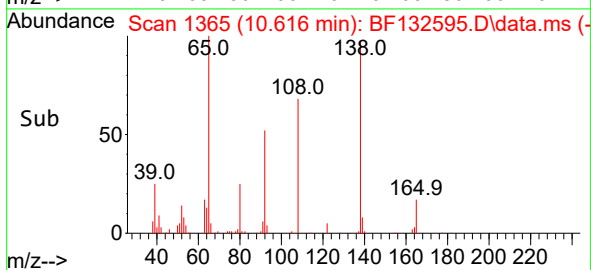
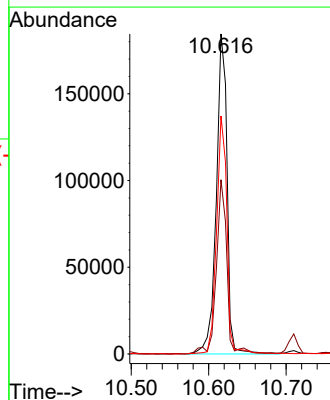
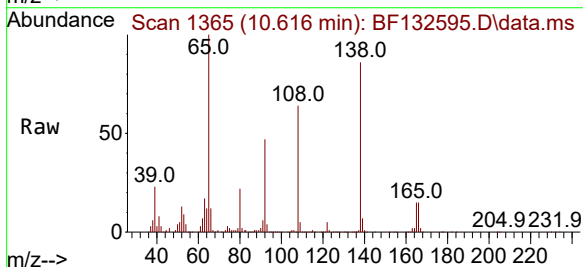
Instrument :  
BNA\_F  
ClientSampleId :  
SAMPLE-1-COMP-1MSD

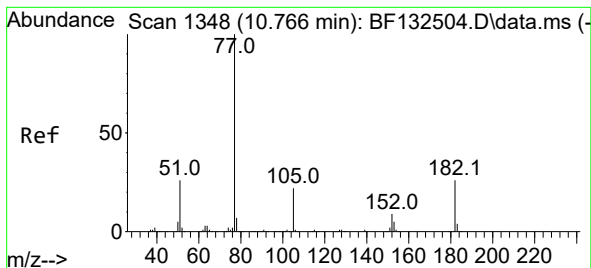
Tgt Ion:204 Resp: 441619  
Ion Ratio Lower Upper  
204 100  
206 33.7 26.3 39.5  
141 51.6 47.8 71.8



#62  
4-Nitroaniline  
Concen: 34.299 ng  
RT: 10.616 min Scan# 1365  
Delta R.T. -0.015 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

Tgt Ion:138 Resp: 178486  
Ion Ratio Lower Upper  
138 100  
92 54.4 33.8 73.8  
108 74.4 63.7 103.7





#63

Azobenzene

Concen: 43.213 ng

RT: 10.751 min Scan# 11

Delta R.T. -0.003 min

Lab File: BF132595.D

Acq: 01 Mar 2023 17:15

Instrument :

BNA\_F

ClientSampleId :

SAMPLE-1-COMP-1MSD

Tgt Ion: 77 Resp: 930109

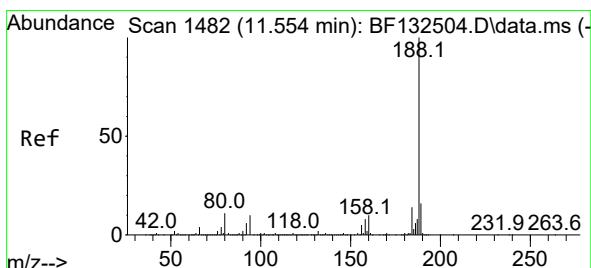
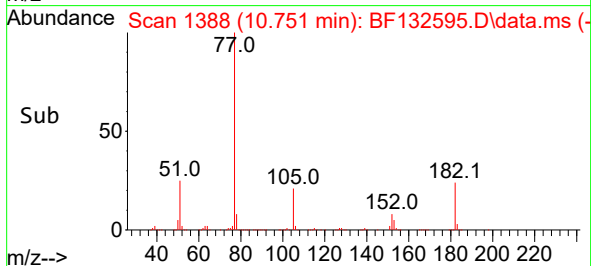
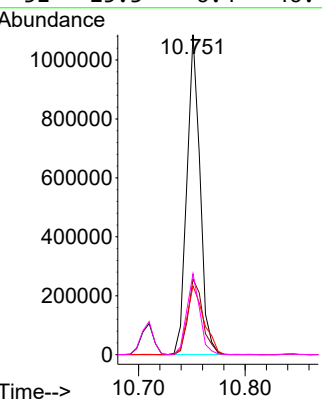
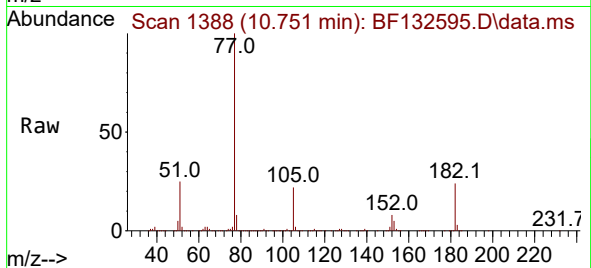
Ion Ratio Lower Upper

77 100

182 23.6 5.5 45.5

105 21.5 1.8 41.8

51 25.3 6.4 46.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.545 min Scan# 1523

Delta R.T. -0.003 min

Lab File: BF132595.D

Acq: 01 Mar 2023 17:15

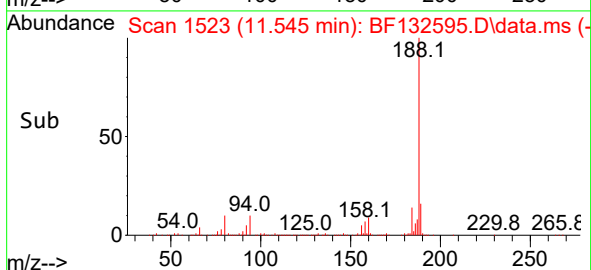
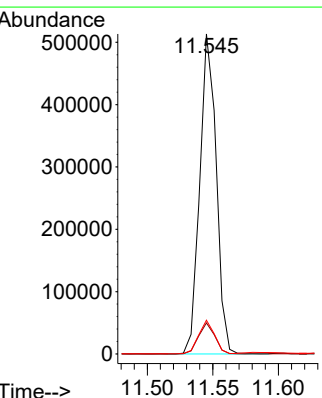
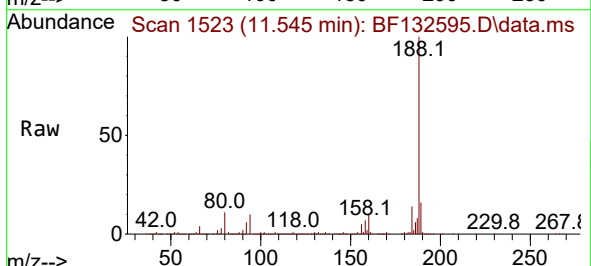
Tgt Ion: 188 Resp: 449080

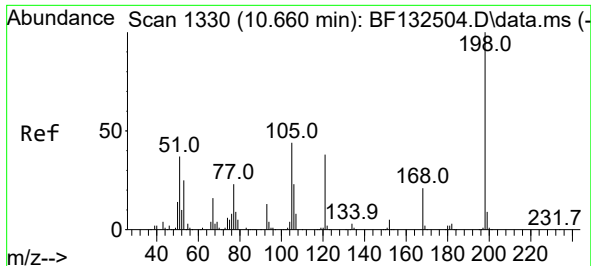
Ion Ratio Lower Upper

188 100

94 9.7 8.3 12.5

80 10.5 8.7 13.1

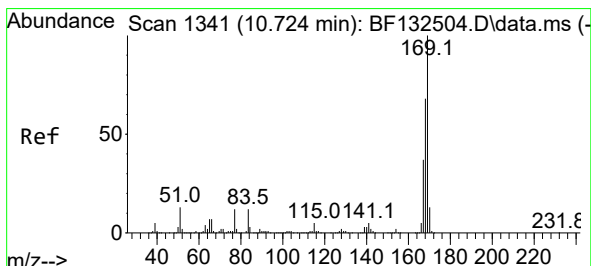
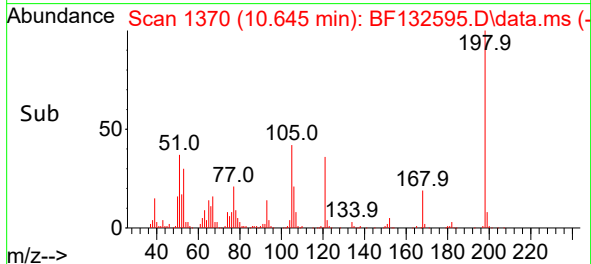
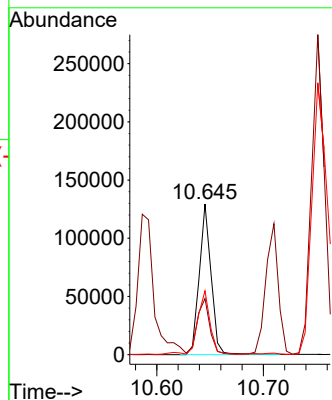
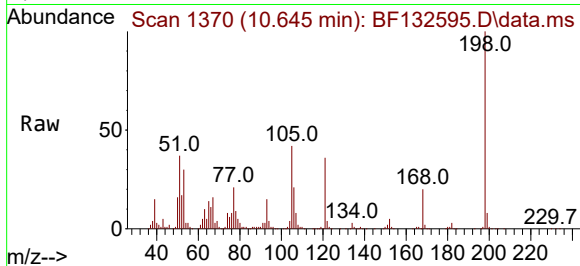




#65  
4,6-Dinitro-2-methylphenol  
Concen: 33.132 ng  
RT: 10.645 min Scan# 1330  
Delta R.T. -0.009 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

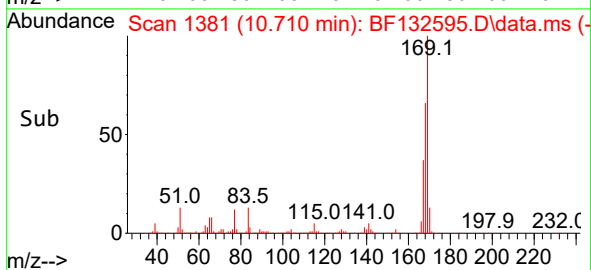
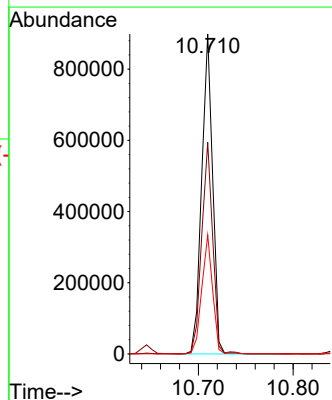
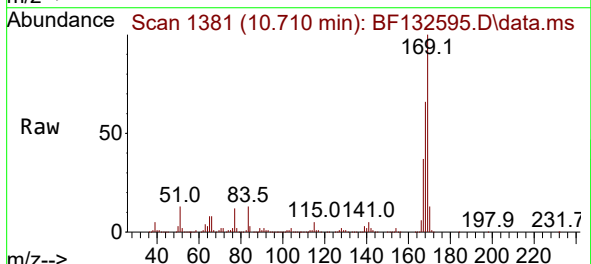
Instrument :  
BNA\_F  
ClientSampleId :  
SAMPLE-1-COMP-1MSD

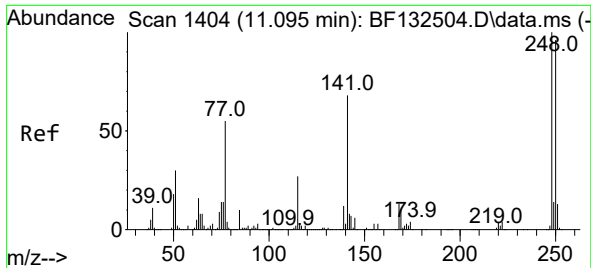
Tgt Ion:198 Resp: 100722  
Ion Ratio Lower Upper  
198 100  
51 37.2 20.6 60.6  
105 42.4 24.3 64.3



#66  
n-Nitrosodiphenylamine  
Concen: 51.700 ng  
RT: 10.710 min Scan# 1381  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

Tgt Ion:169 Resp: 723821  
Ion Ratio Lower Upper  
169 100  
168 66.2 54.2 81.4  
167 37.2 29.6 44.4

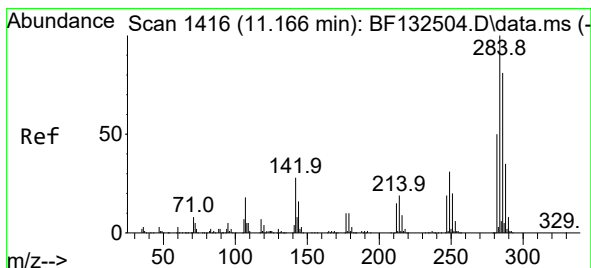
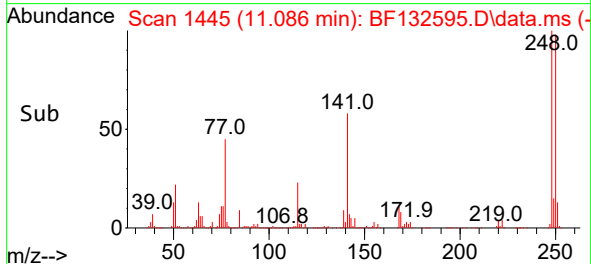
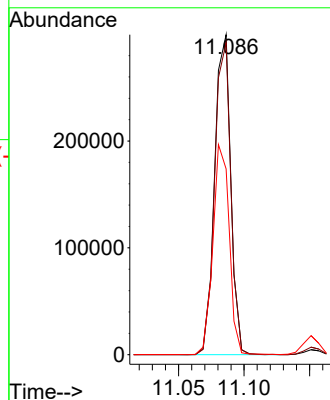
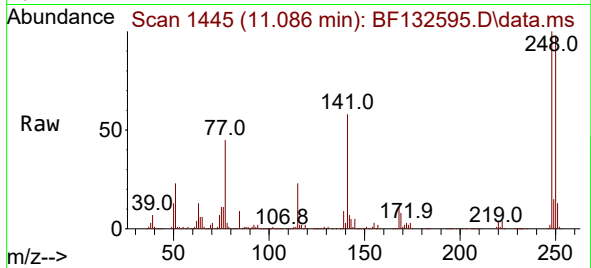




#67  
4-Bromophenyl-phenylether  
Concen: 50.452 ng  
RT: 11.086 min Scan# 1445  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

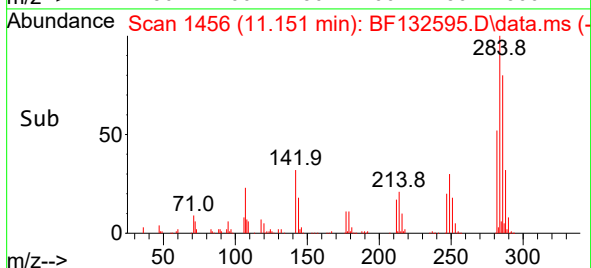
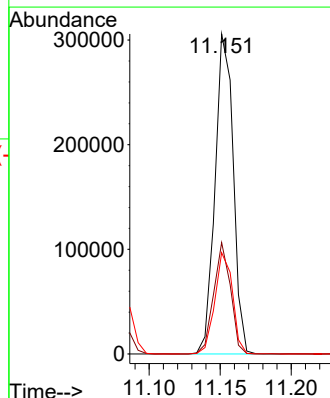
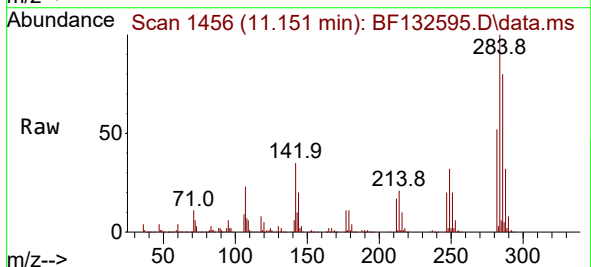
Instrument :  
BNA\_F  
ClientSampleId :  
SAMPLE-1-COMP-1MSD

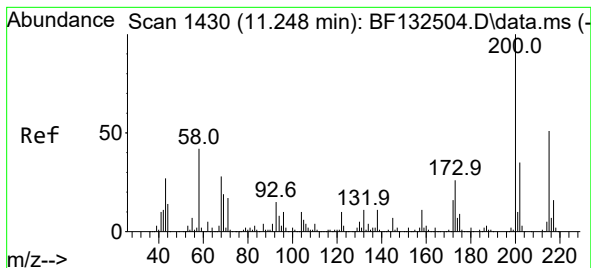
Tgt Ion:248 Resp: 256285  
Ion Ratio Lower Upper  
248 100  
250 97.5 77.0 115.4  
141 58.0 54.2 81.2



#68  
Hexachlorobenzene  
Concen: 50.811 ng  
RT: 11.151 min Scan# 1456  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

Tgt Ion:284 Resp: 271593  
Ion Ratio Lower Upper  
284 100  
142 34.8 22.2 33.4#  
249 31.7 24.9 37.3





#69

Atrazine

Concen: 51.968 ng

RT: 11.233 min Scan# 14

Delta R.T. -0.003 min

Lab File: BF132595.D

Acq: 01 Mar 2023 17:15

Instrument :

BNA\_F

ClientSampleId :

SAMPLE-1-COMP-1MSD

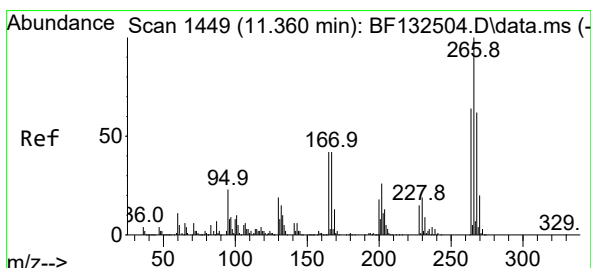
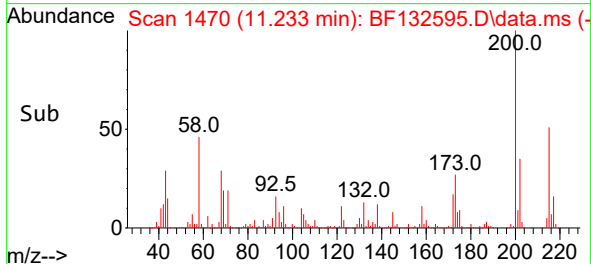
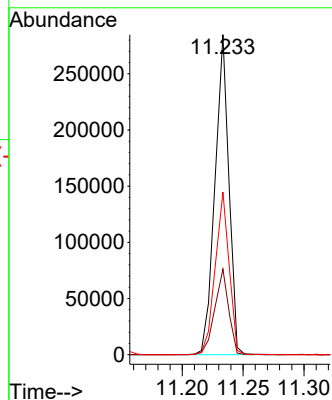
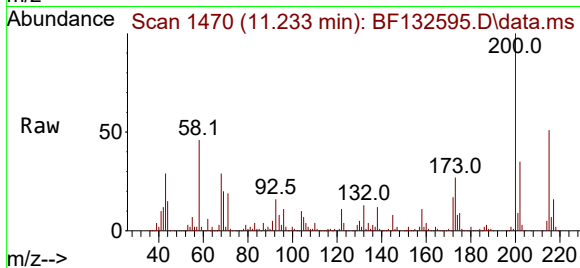
Tgt Ion:200 Resp: 227141

Ion Ratio Lower Upper

200 100

173 26.8 6.4 46.4

215 50.8 31.0 71.0



#70

Pentachlorophenol

Concen: 88.878 ng

RT: 11.351 min Scan# 1490

Delta R.T. 0.003 min

Lab File: BF132595.D

Acq: 01 Mar 2023 17:15

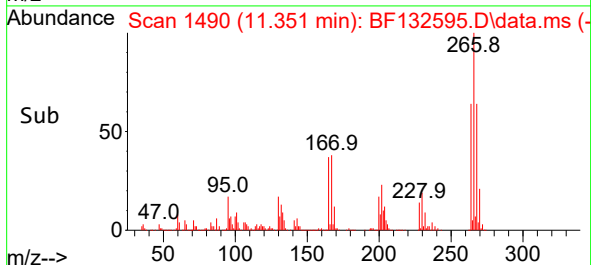
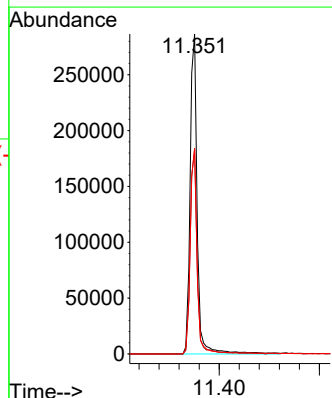
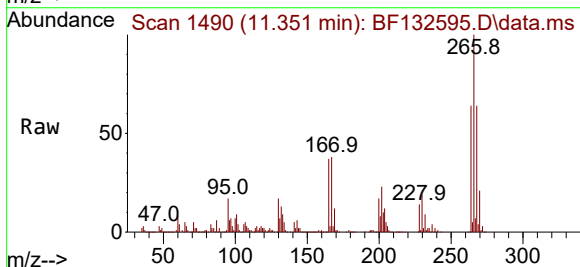
Tgt Ion:266 Resp: 282648

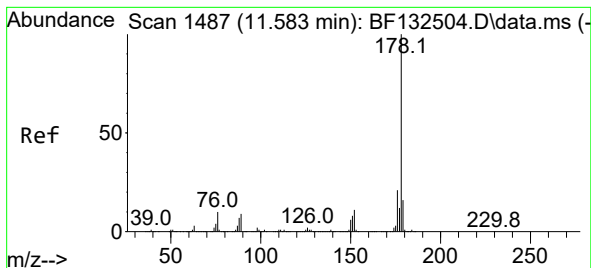
Ion Ratio Lower Upper

266 100

268 63.9 49.8 74.6

264 64.3 50.9 76.3





#71

Phenanthrene

Concen: 48.670 ng

RT: 11.575 min Scan# 1

Delta R.T. -0.003 min

Lab File: BF132595.D

Acq: 01 Mar 2023 17:15

Instrument :

BNA\_F

ClientSampleId :

SAMPLE-1-COMP-1MSD

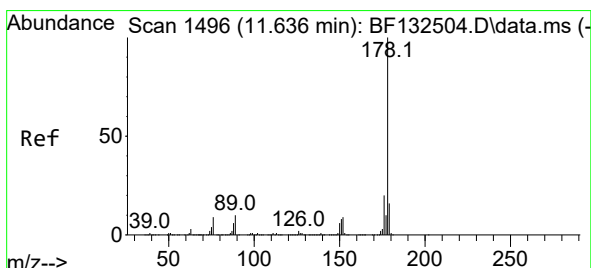
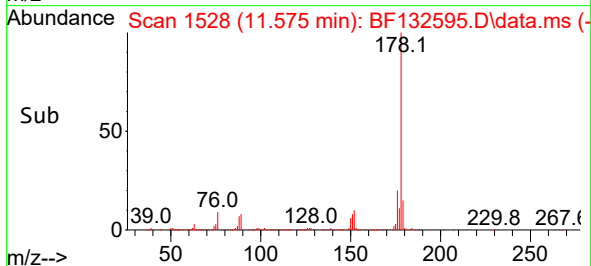
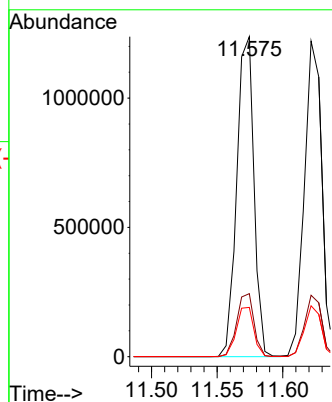
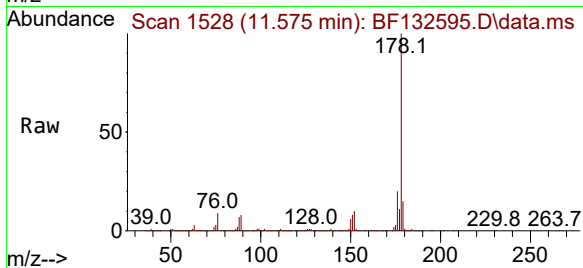
Tgt Ion:178 Resp: 1132293

Ion Ratio Lower Upper

178 100

176 19.7 16.5 24.7

179 15.4 13.0 19.6



#72

Anthracene

Concen: 46.939 ng

RT: 11.622 min Scan# 1536

Delta R.T. -0.009 min

Lab File: BF132595.D

Acq: 01 Mar 2023 17:15

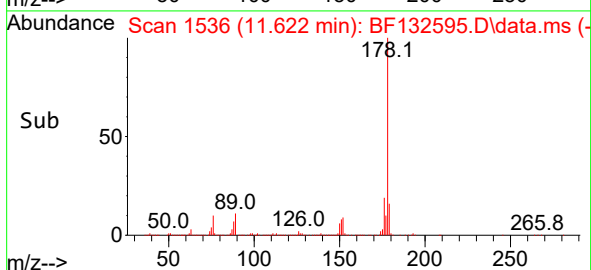
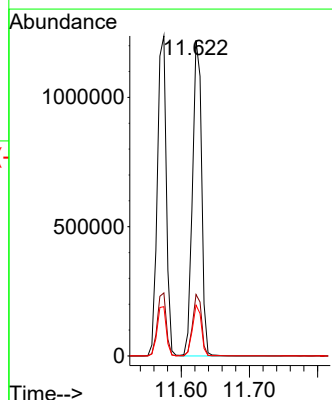
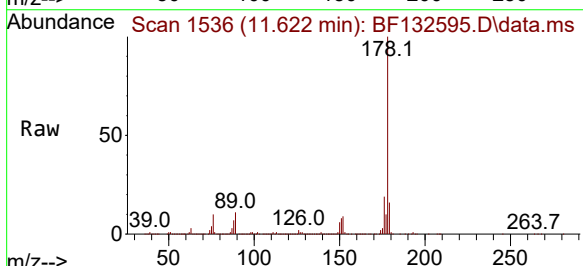
Tgt Ion:178 Resp: 1124528

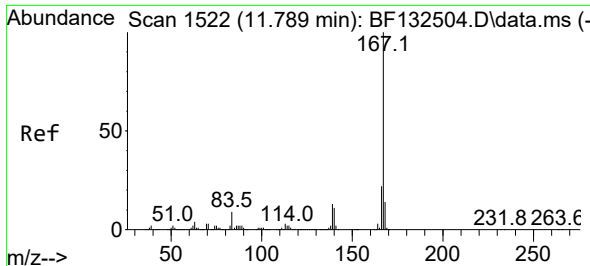
Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 16.1 12.5 18.7

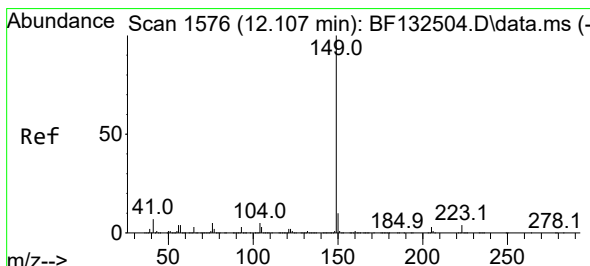
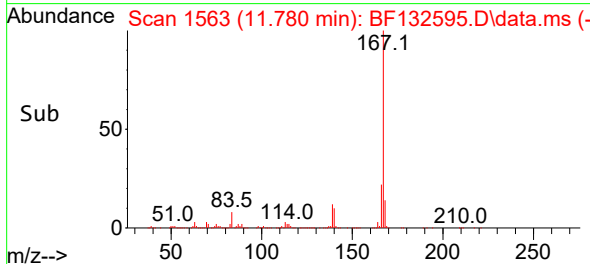
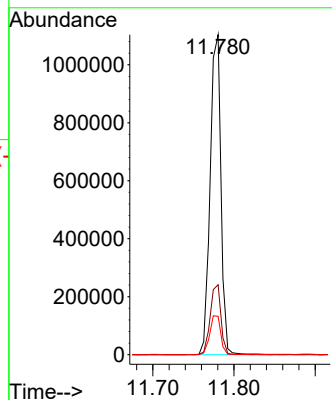
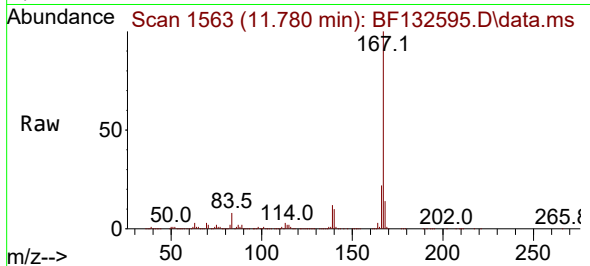




#73  
 Carbazole  
 Concen: 46.959 ng  
 RT: 11.780 min Scan# 11  
 Delta R.T. -0.003 min  
 Lab File: BF132595.D  
 Acq: 01 Mar 2023 17:15

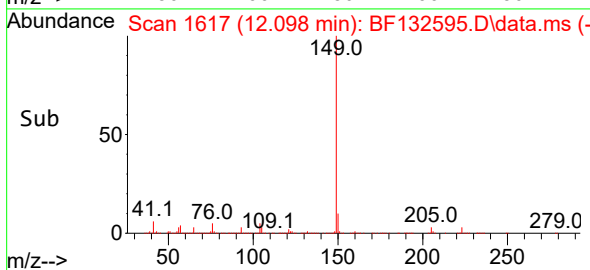
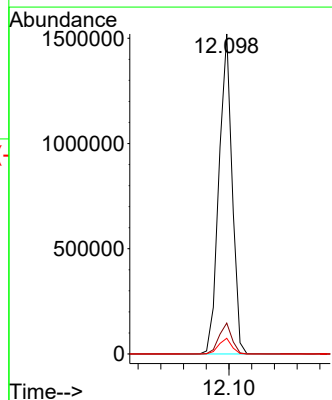
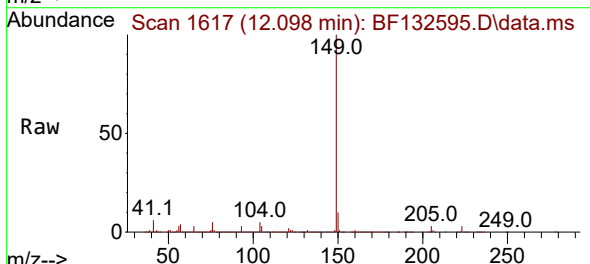
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SAMPLE-1-COMP-1MSD

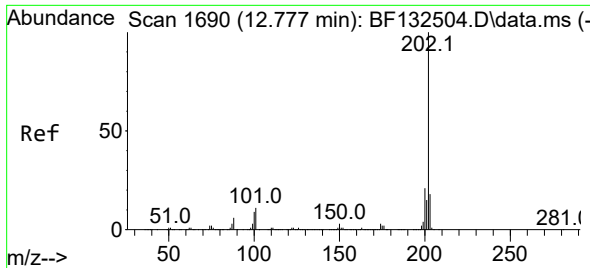
Tgt Ion:167 Resp: 1014301  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 17.7 26.5  
 139 12.0 10.5 15.7



#74  
 Di-n-butylphthalate  
 Concen: 48.296 ng  
 RT: 12.098 min Scan# 1617  
 Delta R.T. -0.003 min  
 Lab File: BF132595.D  
 Acq: 01 Mar 2023 17:15

Tgt Ion:149 Resp: 1223661  
 Ion Ratio Lower Upper  
 149 100  
 150 9.6 7.8 11.8  
 104 4.9 4.3 6.5

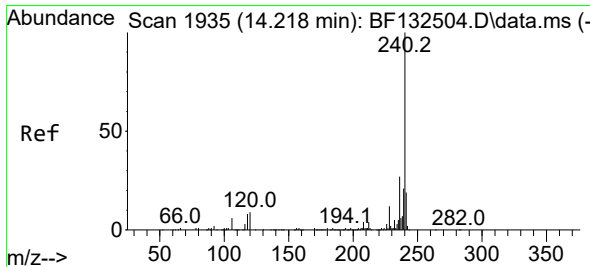
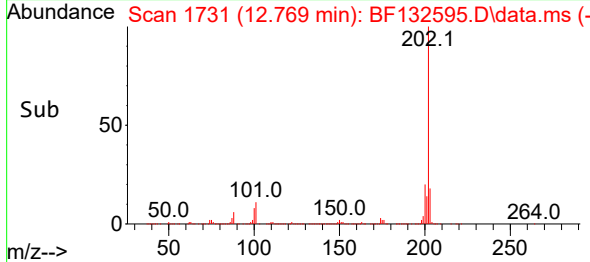
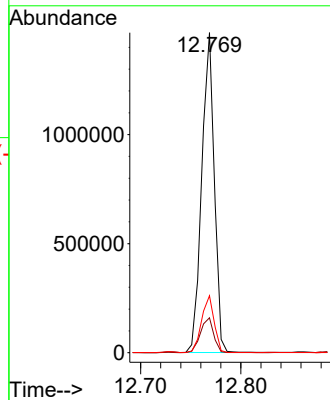
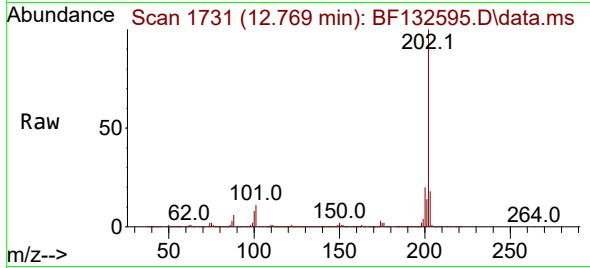




#75  
Fluoranthene  
Concen: 50.290 ng  
RT: 12.769 min Scan# 1731  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

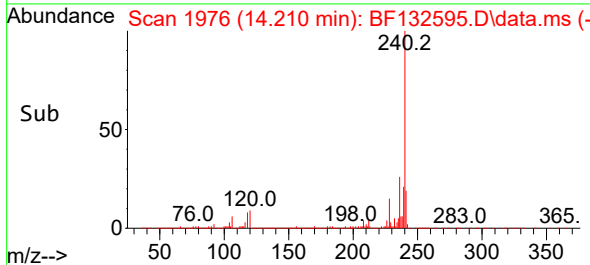
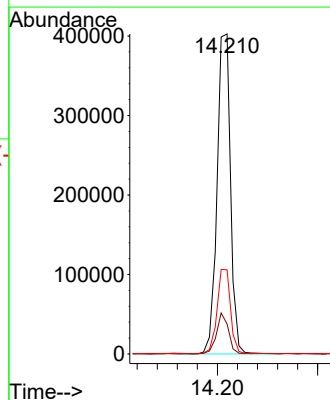
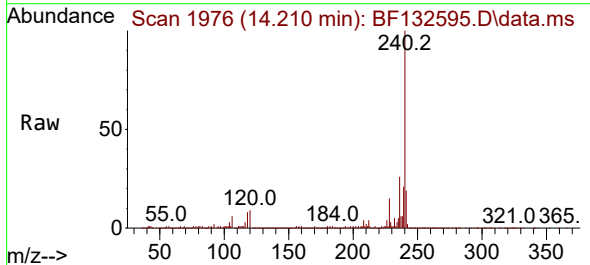
Instrument :  
BNA\_F  
ClientSampleId :  
SAMPLE-1-COMP-1MSD

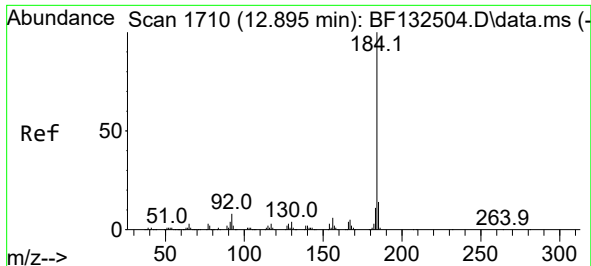
Tgt Ion:202 Resp: 1279010  
Ion Ratio Lower Upper  
202 100  
101 10.9 0.0 31.4  
203 17.8 0.0 38.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.210 min Scan# 1976  
Delta R.T. 0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

Tgt Ion:240 Resp: 374893  
Ion Ratio Lower Upper  
240 100  
120 9.3 7.2 10.8  
236 26.3 21.8 32.6

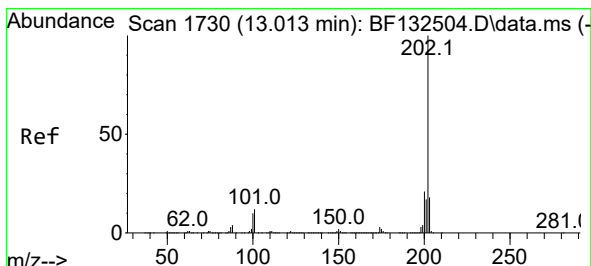
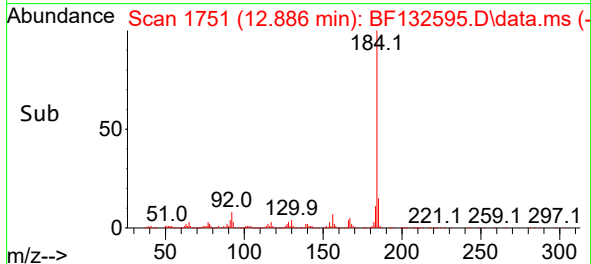
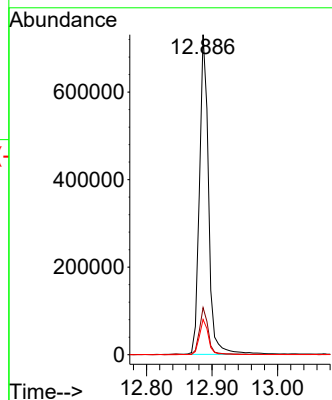
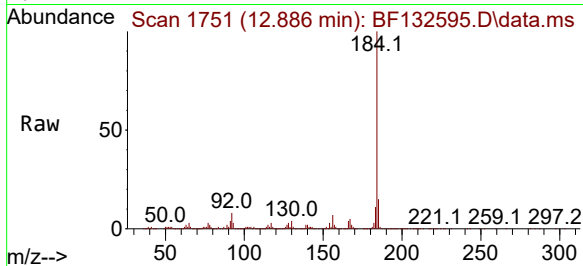




#77  
Benzidine  
Concen: 77.705 ng  
RT: 12.886 min Scan# 1710  
Delta R.T. 0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

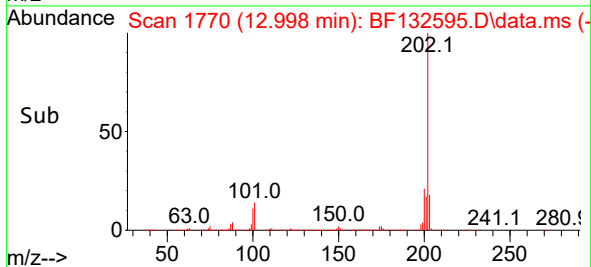
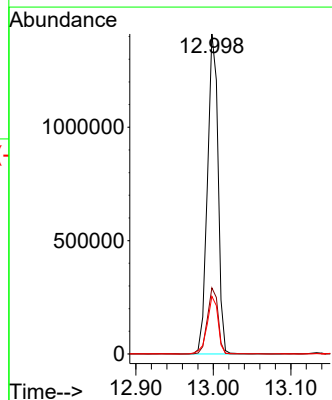
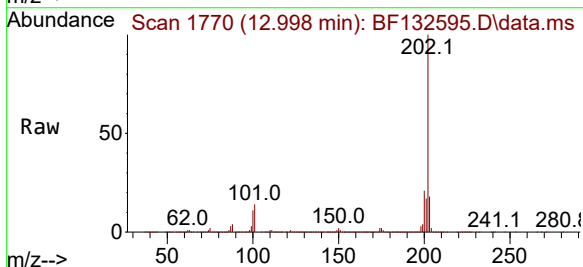
Instrument :  
BNA\_F  
ClientSampleId :  
SAMPLE-1-COMP-1MSD

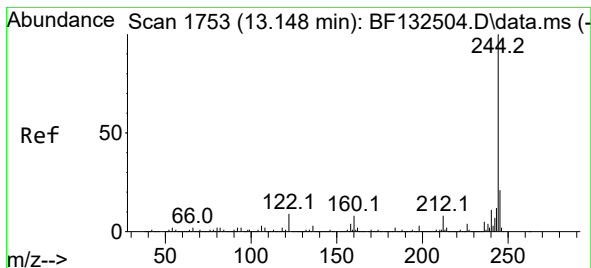
Tgt Ion:184 Resp: 709136  
Ion Ratio Lower Upper  
184 100  
185 14.7 11.7 17.5  
183 11.0 8.7 13.1



#78  
Pyrene  
Concen: 39.344 ng  
RT: 12.998 min Scan# 1770  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

Tgt Ion:202 Resp: 1340999  
Ion Ratio Lower Upper  
202 100  
200 20.7 17.1 25.7  
203 18.0 14.6 21.8





#79

Terphenyl-d14

Concen: 61.036 ng

RT: 13.133 min Scan# 1

Delta R.T. -0.009 min

Lab File: BF132595.D

Acq: 01 Mar 2023 17:15

Instrument :

BNA\_F

ClientSampleId :

SAMPLE-1-COMP-1MSD

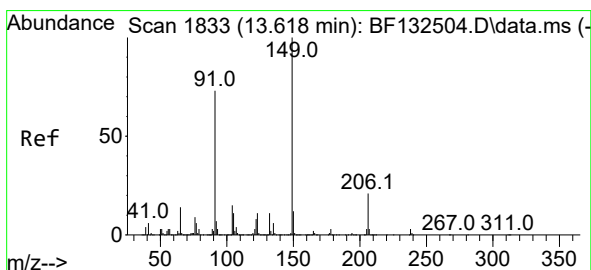
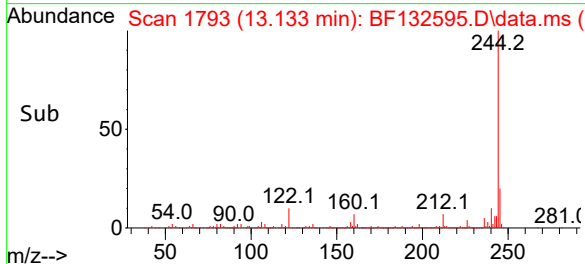
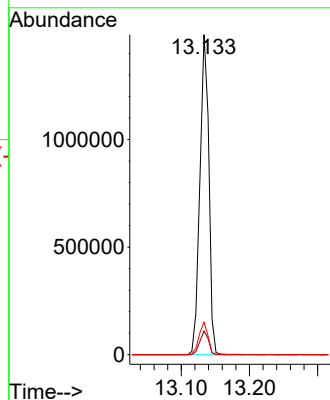
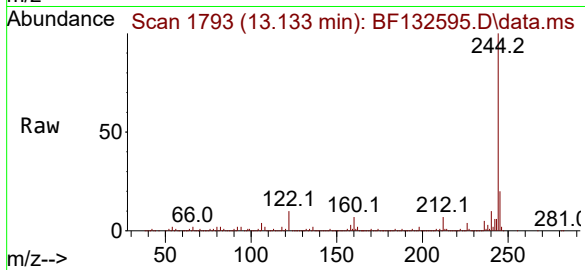
Tgt Ion:244 Resp: 1353357

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 10.1 7.5 11.3



#80

Butylbenzylphthalate

Concen: 40.965 ng

RT: 13.610 min Scan# 1874

Delta R.T. -0.003 min

Lab File: BF132595.D

Acq: 01 Mar 2023 17:15

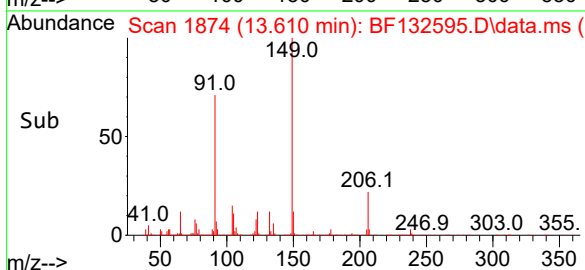
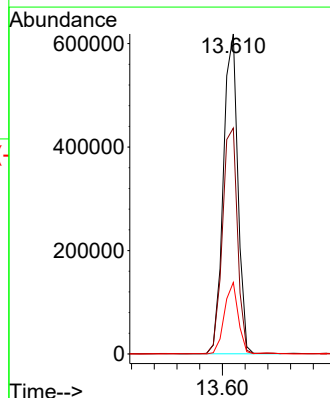
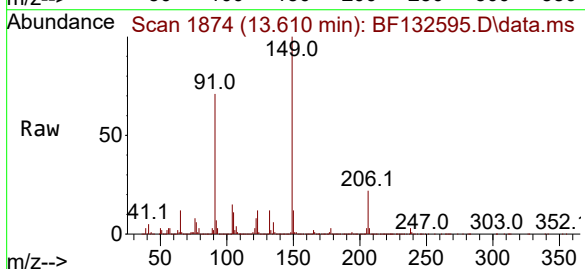
Tgt Ion:149 Resp: 550998

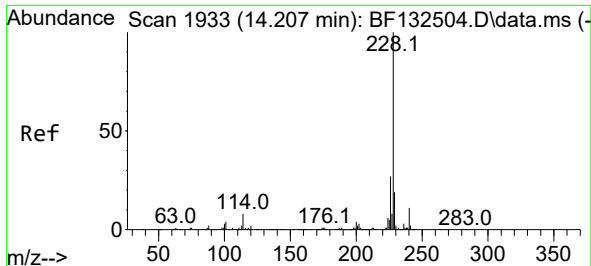
Ion Ratio Lower Upper

149 100

91 70.6 58.4 87.6

206 22.4 16.8 25.2

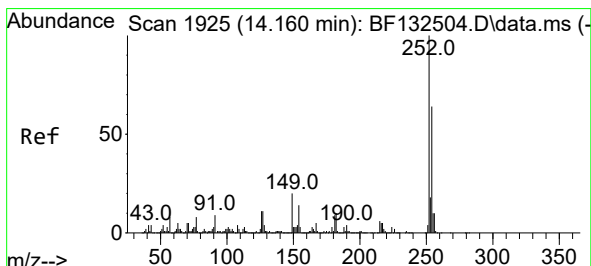
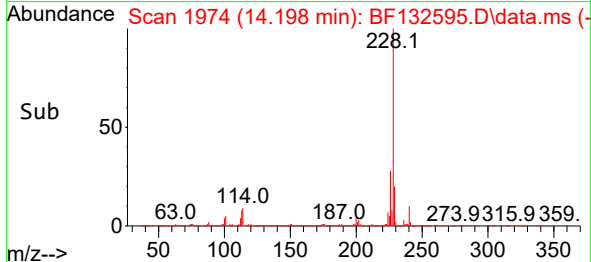
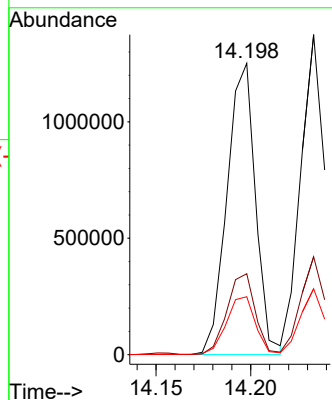
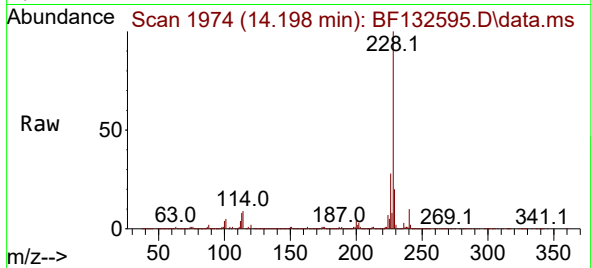




#81  
Benzo(a)anthracene  
Concen: 46.542 ng  
RT: 14.198 min Scan# 1966  
Delta R.T. 0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

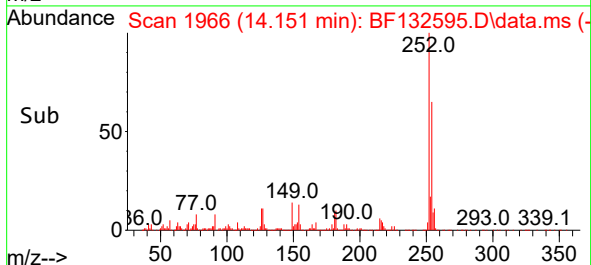
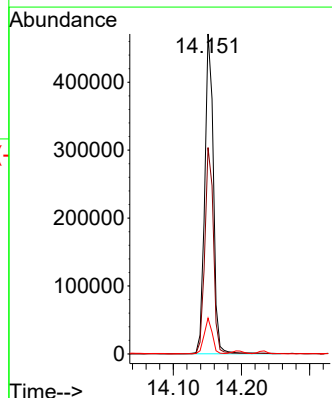
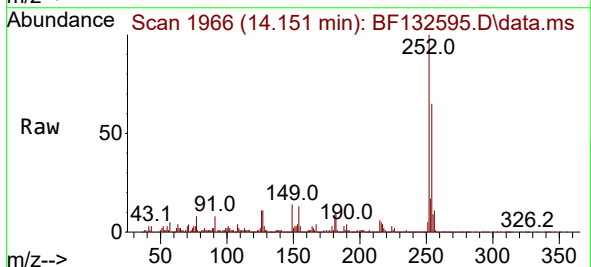
Instrument :  
BNA\_F  
ClientSampleId :  
SAMPLE-1-COMP-1MSD

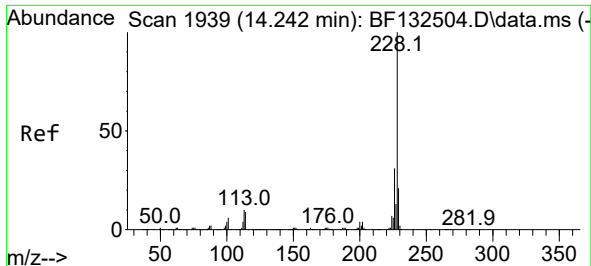
Tgt Ion:228 Resp: 1305519  
Ion Ratio Lower Upper  
228 100  
226 27.8 21.7 32.5  
229 19.9 15.4 23.2



#82  
3,3'-Dichlorobenzidine  
Concen: 50.104 ng  
RT: 14.151 min Scan# 1966  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

Tgt Ion:252 Resp: 414353  
Ion Ratio Lower Upper  
252 100  
254 64.5 51.4 77.2  
126 11.2 8.9 13.3

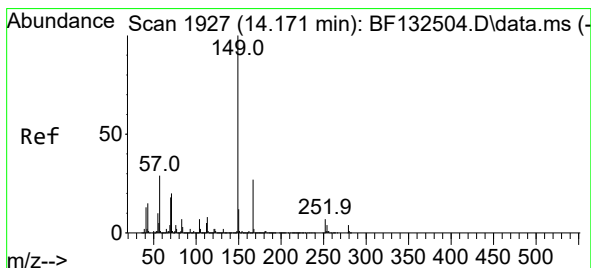
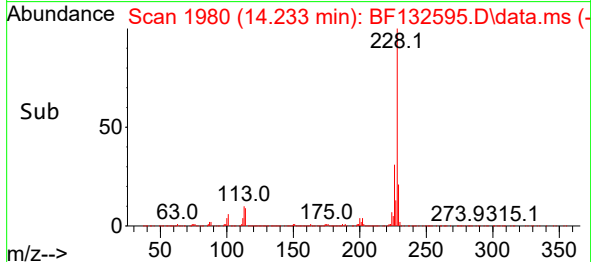
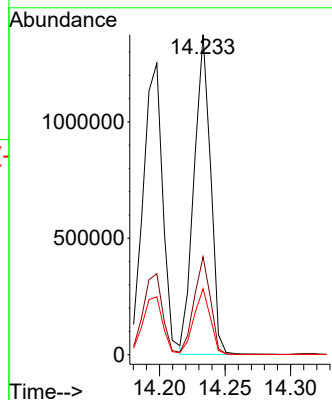
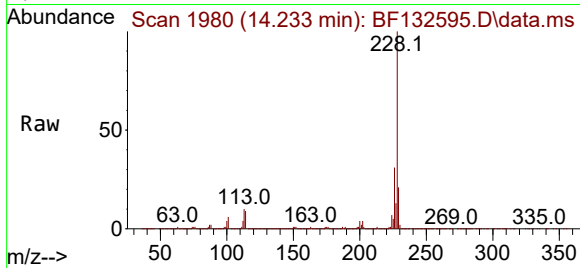




#83  
Chrysene  
Concen: 45.888 ng  
RT: 14.233 min Scan# 1939  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

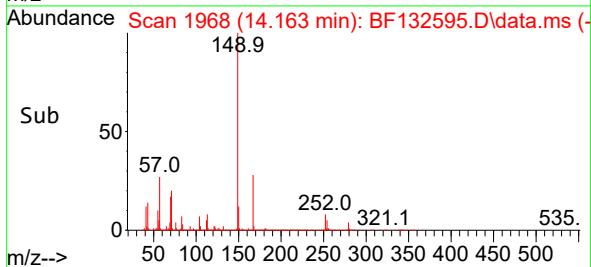
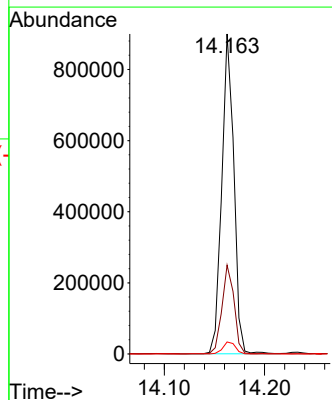
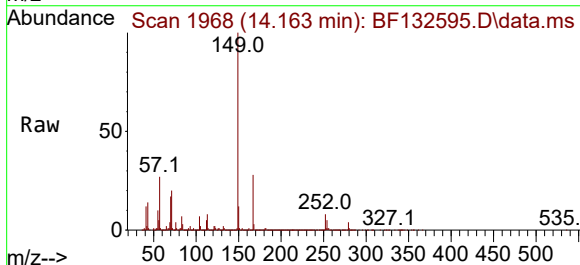
Instrument :  
BNA\_F  
ClientSampleId :  
SAMPLE-1-COMP-1MSD

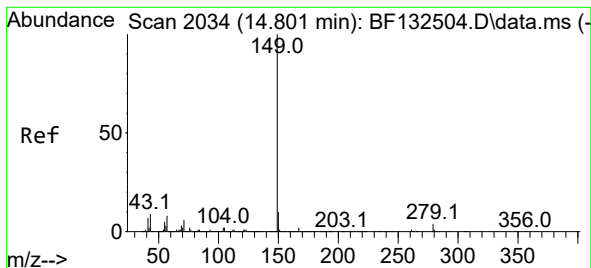
Tgt Ion:228 Resp: 1203665  
Ion Ratio Lower Upper  
228 100  
226 30.6 25.0 37.6  
229 20.6 16.4 24.6



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 45.401 ng  
RT: 14.163 min Scan# 1968  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

Tgt Ion:149 Resp: 750167  
Ion Ratio Lower Upper  
149 100  
167 27.7 21.8 32.6  
279 3.7 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 45.373 ng

RT: 14.792 min Scan# 2034

Delta R.T. 0.003 min

Lab File: BF132595.D

Acq: 01 Mar 2023 17:15

Instrument :

BNA\_F

ClientSampleId :

SAMPLE-1-COMP-1MSD

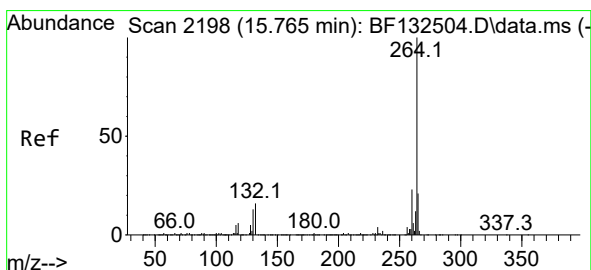
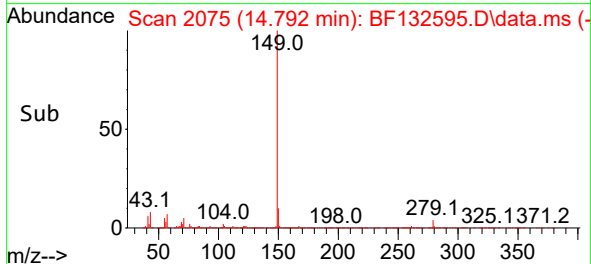
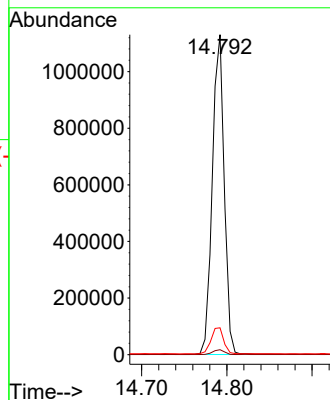
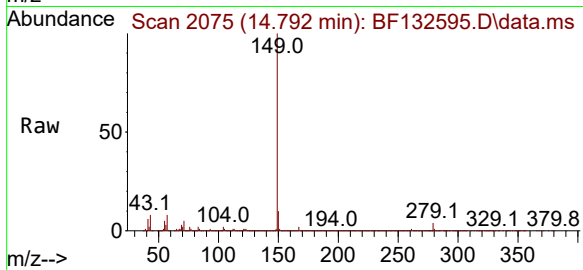
Tgt Ion:149 Resp: 1095553

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.7 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.757 min Scan# 2239

Delta R.T. 0.003 min

Lab File: BF132595.D

Acq: 01 Mar 2023 17:15

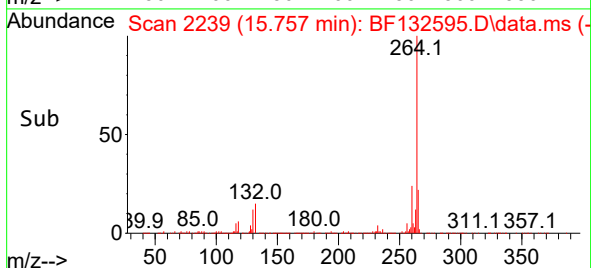
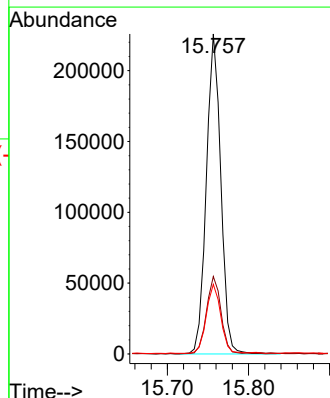
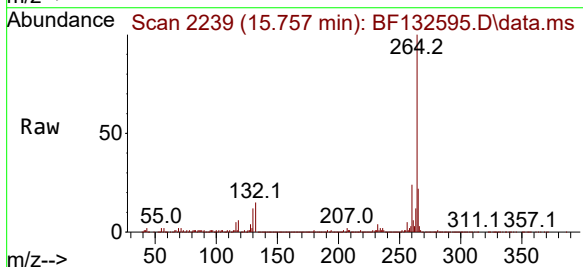
Tgt Ion:264 Resp: 278996

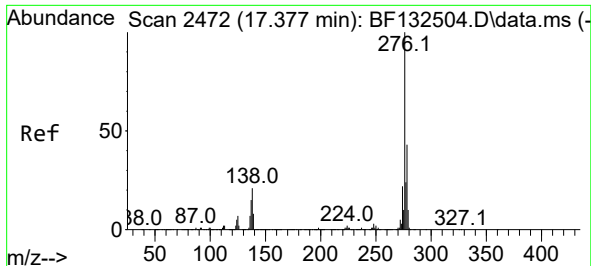
Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 21.7 17.1 25.7

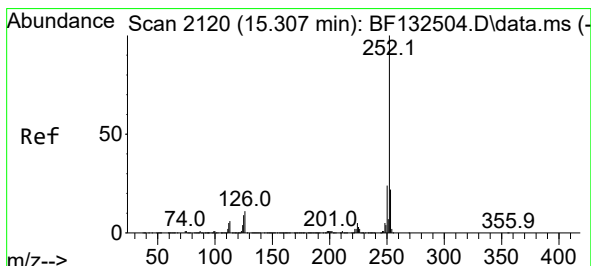
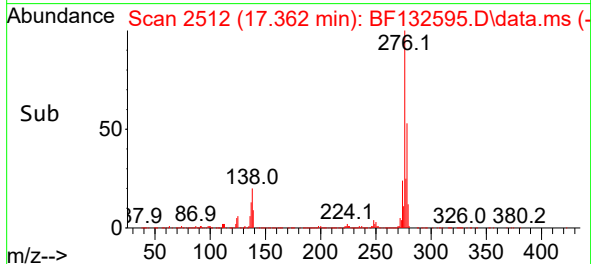
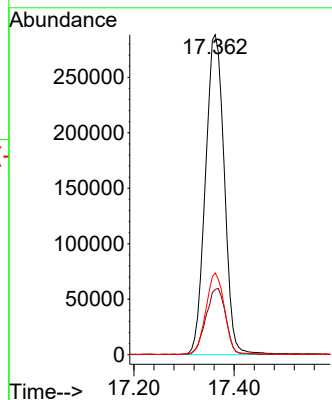
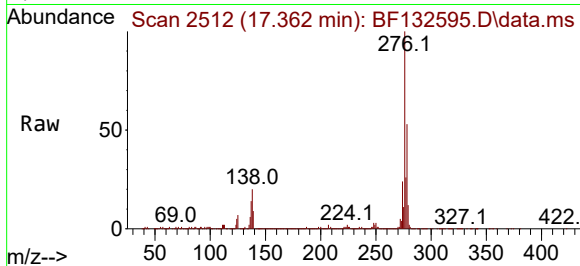




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 41.087 ng  
RT: 17.362 min Scan# 2160  
Delta R.T. 0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

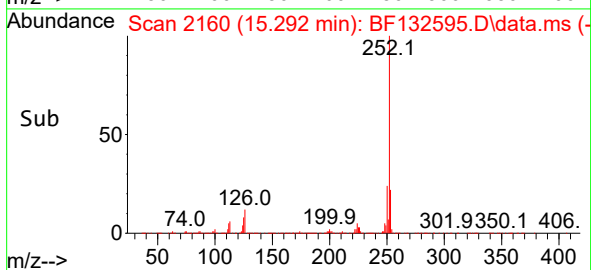
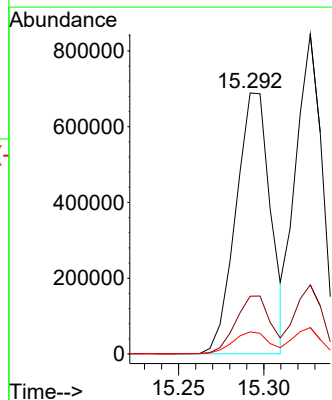
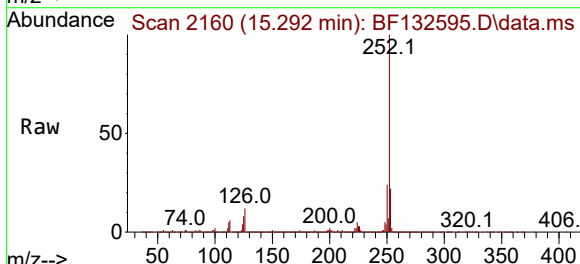
Instrument :  
BNA\_F  
ClientSampleId :  
SAMPLE-1-COMP-1MSD

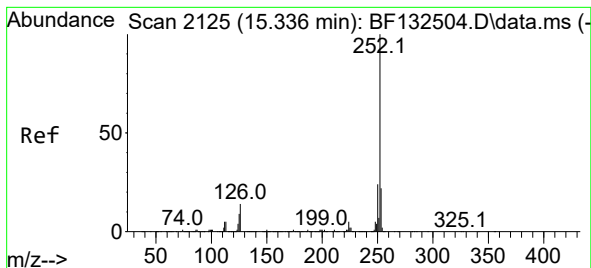
Tgt Ion:276 Resp: 751111  
Ion Ratio Lower Upper  
276 100  
138 21.8 19.0 28.4  
277 25.1 20.0 30.0



#88  
Benzo(b)fluoranthene  
Concen: 52.166 ng  
RT: 15.292 min Scan# 2160  
Delta R.T. -0.003 min  
Lab File: BF132595.D  
Acq: 01 Mar 2023 17:15

Tgt Ion:252 Resp: 975349  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.4 26.0  
125 8.5 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 49.715 ng

RT: 15.327 min Scan# 21

Delta R.T. 0.003 min

Lab File: BF132595.D

Acq: 01 Mar 2023 17:15

Instrument :

BNA\_F

ClientSampleId :

SAMPLE-1-COMP-1MSD

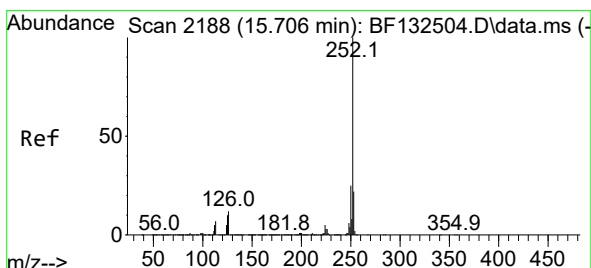
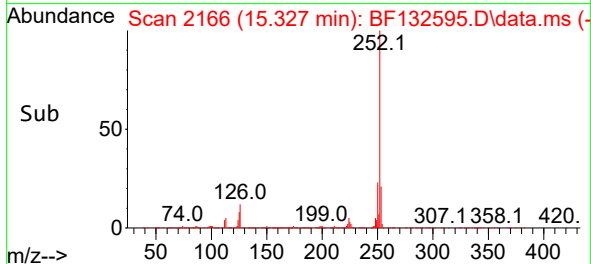
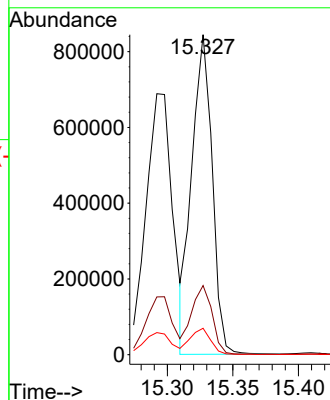
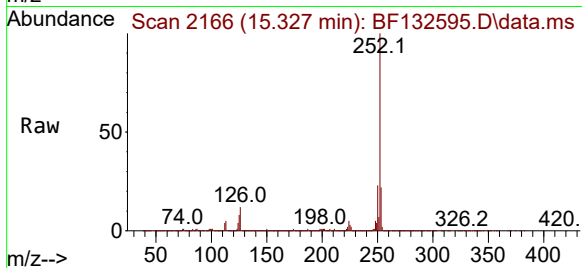
Tgt Ion:252 Resp: 909715

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 8.2 7.2 10.8



#90

Benzo(a)pyrene

Concen: 45.333 ng

RT: 15.692 min Scan# 2228

Delta R.T. 0.003 min

Lab File: BF132595.D

Acq: 01 Mar 2023 17:15

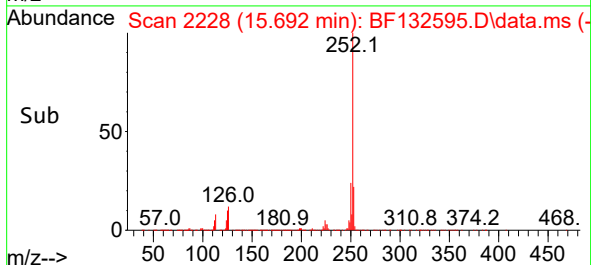
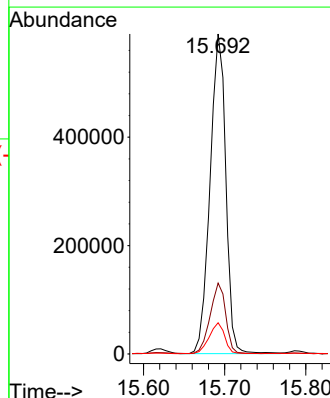
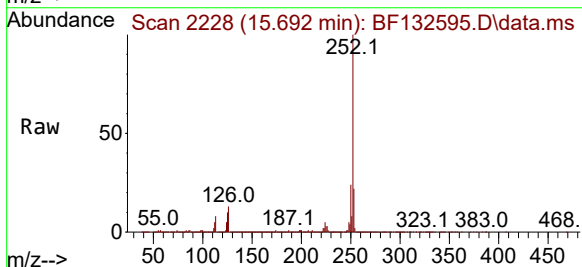
Tgt Ion:252 Resp: 793271

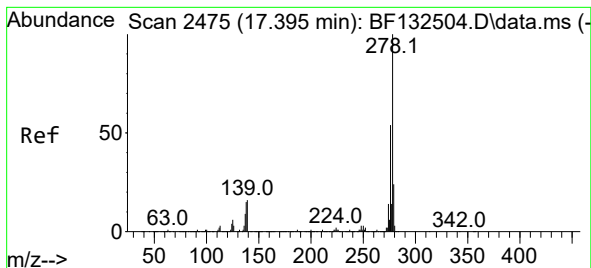
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 9.8 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 42.101 ng

RT: 17.380 min Scan# 21

Delta R.T. 0.003 min

Lab File: BF132595.D

Acq: 01 Mar 2023 17:15

Instrument :

BNA\_F

ClientSampleId :

SAMPLE-1-COMP-1MSD

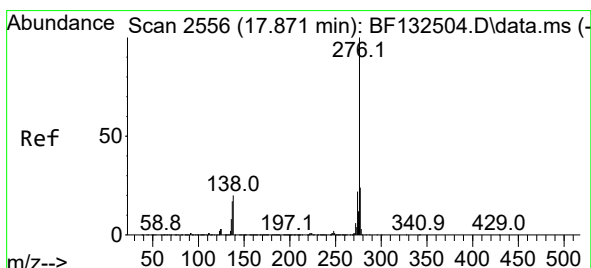
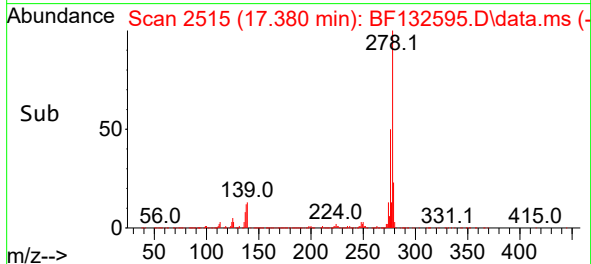
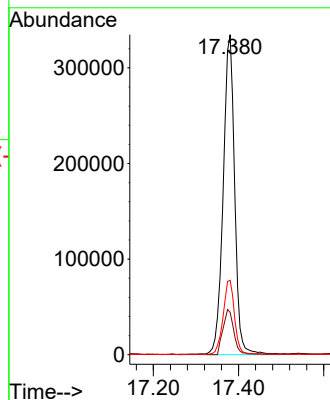
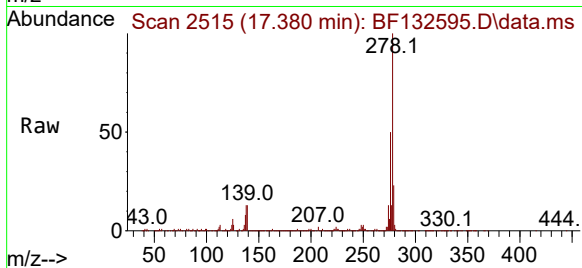
Tgt Ion:278 Resp: 627080

Ion Ratio Lower Upper

278 100

139 13.3 13.0 19.4

279 23.3 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 35.913 ng

RT: 17.851 min Scan# 2595

Delta R.T. -0.003 min

Lab File: BF132595.D

Acq: 01 Mar 2023 17:15

Tgt Ion:276 Resp: 597438

Ion Ratio Lower Upper

276 100

277 24.4 18.9 28.3

138 18.9 16.2 24.4

